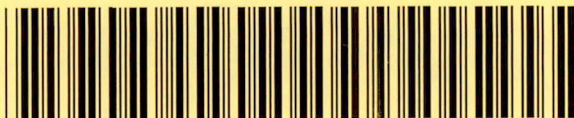


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DocumentID NONCD0002854

Site Name FIBER DYNAMICS

DocumentType Site Assessment Plan (SAP)

RptSegment 1

DocDate 7/17/2009

DocRcvd 7/20/2009

Box SF1208

AccessLevel PUBLIC

Division WASTE MANAGEMENT

Section SUPERFUND

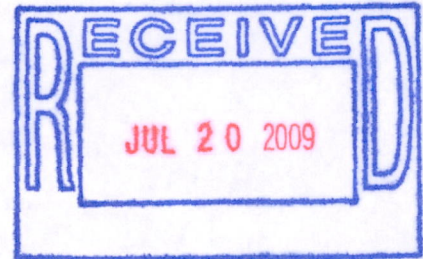
Program IHS (IHS)

DocCat FACILITY



July 17, 2009

Ms. Sharon Cihak
Guilford County Department of Public Health
Environmental Health Division
1203 Maple Street, 3rd Floor
Greensboro, North Carolina 27405



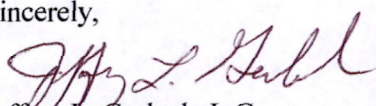
Subject: **Phase I Remedial Investigation Work Plan
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, Guilford County, North Carolina
NONCD 0002854**

Dear Sharon:

As authorized by Fiber Dynamics, Inc., Blue Ridge Geological Services, Inc. (Blue Ridge) prepared the attached Remedial Investigation Work Plan for the subject facility. The work plan was requested in your letter dated April 27, 2009 and the NCDENR Division of Waste Management (DWM) Superfund Section Administrative Agreement for State-Directed Assessment and Remedial Action (the Agreement) executed by NCDENR personnel on April 21, 2009. This plan summarizes the assessment activities performed at the site to date and presents the procedures and methodologies to be used by Fiber Dynamics and Blue Ridge personnel to plan and conduct future remedial investigation activities at the subject facility. The plan was prepared in general accordance with the Agreement and the NCDENR DWM Superfund Section Inactive Hazardous Sites Branch (IHSB) *Guidelines for Assessment and Cleanup* (the Guidelines), last revised October 2008.

We appreciate your consideration of this work plan and look forward to receipt of your approval to proceed with the assessment activities in the plan. If you have any questions concerning this plan or this project, please contact the undersigned.

Sincerely,


Jeffrey L. Gerlock, L.G.
NC Licensed Geologist #1141



Attachments

Cc: Mr. Jim Heery, Fiber Dynamics

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INTRODUCTION

On April 29, 2008, Blue Ridge Geological Services, Inc. (Blue Ridge) personnel and its drilling subcontractor mobilized to the subject site and drilled soil borings near the areas of concern identified during a Phase I environmental site assessment (ESA) at the property in 2004. The purpose of the work was to confirm the previous sampling results and further evaluate the soil and groundwater quality at the site. On June 27, 2008 Blue Ridge submitted a *Notice of Release* report to the Guilford County Department of Public Health (GCDPH). The report indicated that two contaminants (benzo(a)pyrene and vinyl chloride) were detected in the soil and/or groundwater in two areas of the site (loading dock outside northeast corner of basement and vent pipe and buried drum outside west side of facility), at concentrations above State action levels. On July 14, 2008 the GCDPH and the North Carolina Department of Environment and Natural Resources (NCDENR) Division of Waste Management (DWM) Superfund Section Inactive Hazardous Sites Branch (IHSB) issued a *Notice of Regulatory Requirements (NORR) for Contaminant Assessment and Cleanup* to Fiber Dynamics regarding the release of hazardous substances at the property.

On August 27, 2008 Blue Ridge submitted a *Response to the NORR dated July 14, 2008* and included the information required by the NCDENR (i.e., site cleanup questionnaire and receptor and land use survey information). Based on the information presented, the NCDENR DWM IHSB submitted a draft *Administrative Agreement for State-Directed Assessment and Remedial Action (the Agreement)* to Fiber Dynamics in September 2008. A final Agreement was submitted to Fiber Dynamics in February 2009. **This Agreement only governs the assessment and cleanup of the release of hazardous substances at the property, not the release of petroleum substances (that was handled directly by the GCDPH under separate reporting).** In February 2009 Fiber Dynamics personnel signed and returned the final Agreement to NCDENR personnel. On April 21, 2009 the NCDENR signed and returned the Agreement to Fiber Dynamics personnel.

The first step of the Agreement is to prepare a Phase I Remedial Investigation (RI) Work Plan. The purpose of the Phase I remedial investigation is to identify all releases of hazardous substances to the environment, characterize the chemical nature of such releases, and collect sufficient sampling data in order to compile a list of constituents of concern. Subsequent phases of the investigation, if necessary, will delineate the horizontal and vertical extent of contamination in each area of concern.

This RI Work Plan was prepared in general accordance with the NCDENR DWM Superfund Section IHSB *Guidelines for Assessment and Cleanup* (the *Guidelines*) last revised October 2008. The items requested in the *Guidelines* are presented in this RI Work Plan in the order discussed. The RI Work Plan presents information regarding the subject facility and the initial evaluation of existing data and background information collected during previous investigation activities at the site. The RI Work Plan also defines the general scope and objectives of remedial investigation activities to be performed. The RI Work Plan and the supplemental planning documents, including our sampling and analysis plan and the health and safety plan (HASP), are part of a dynamic process, and they may be modified during the remedial investigation process to incorporate new information and refine project objectives.

SITE DESCRIPTION

This section of the RI Work Plan describes the site location, facility description, site geology and hydrogeology, and environmentally sensitive areas in the vicinity of the site. The information in this section was compiled from correspondence and interviews with Fiber Dynamics personnel, historical files at the facility, regulatory agency correspondence, reports of previous investigations, and record searches by Blue Ridge personnel.

ITEM 1 - SITE LOCATION AND FACILITY DESCRIPTION

The subject site is:

Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina 27261

The latitude and longitude of the site is 35.9469 degrees North and 80.0177 degrees West, respectively. The site is about 7.84 acres in size and is located west of the downtown area of the City of High Point in Guilford County, North Carolina (Figure 1). The property is identified as Lot 1 Block 4 Map 30 on the Guilford County Tax Map.

As shown on Figure 2, South West Point Avenue, a warehouse (former furniture plant), and parking areas border the site to the north and northeast. A small area of woods and an abandoned railroad spur border the site to the east and southeast. A former Duke Power substation, Southern Place, and several commercial properties border the site to the south and southwest. Courtesy Road and railroad tracks border the site to the west and northwest. Several large chemical manufacturing facilities, Engineering Polymer Solutions and Valspar, are located west across the railroad tracks from the subject facility.

The subject property is occupied by an approximate 220,000 square foot manufacturing building made up of numerous buildings constructed between 1911 and 1965. According to property tax cards and building plans, the buildings were constructed in 1915, 1935, 1948, 1950, and 1965 and are heated by natural gas and steam. The property has been owned by Fiber Dynamics since 1984 and is used to manufacture both dry laid, chemically-bonded, and thermally point-bonded nonwoven fabrics. The company was originally founded to supply nonwoven fabrics and related services to the apparel and industrial markets. Over the last ten years the company has modified its manufacturing

efforts by emphasizing production and development in industrial applications. In addition to manufacturing and adhesive coatings, Fiber Dynamics provides converting services such as die-cutting, automatic computerized cutting, slitting and perforating. The facility operates three nonwoven manufacturing lines, as well as five adhesive coating lines. The company's products and services are used in a number of diverse applications including: automotive, filtration, coating and lamination substrates, packaging, medical, personal care, hygiene, home furnishings, air handling, acoustical components, cleaning and burnishing tapes, and electrical and cable wrap.

The subject property contains a manufacturing plant with offices, testing lab, parts room, shop, boiler rooms, warehouses, manufacturing areas, and basement with chemical storage, mixing tanks, and wastewater treatment area. Areas of the plant are subdivided as shown on Figure 3. The property contains landscaped areas surrounding the building and a gravel/asphalt paved parking lot in the northeastern portion of the property.

Raw materials, including bales of fiber, are delivered to the various loading docks (lower warehouse). Chemicals and dyes are blended and added to the fibers and run through a card machine which produces a flat sheet or web of fabric. Foam with acrylic latex is added to the fabric (Chembond area) and then the fabric is fused / heated to dry and bond the latex to the fabric. The manufactured fabric is often coated with fusible powders to create a facing that adheres to the customer's product (Fusible area). The fabric is then cut in various lengths / widths in the cutting room in the northwestern portion of the plant. Finished goods are stored in the upper warehouse in the western portion of the plant.

Utilities at the site include aboveground telephone and electrical lines, and underground natural gas, sanitary sewer, water, and stormwater lines as shown on Figure 4.

ITEM 2 - SUMMARY OF WASTE MANAGEMENT PRACTICES

A summary of known waste management practices employed at the site for hazardous wastes and wastes that may have contained hazardous substances is discussed below. This section presents a summary of the types and amounts of waste generated, treatment and storage methods, and ultimate disposition of wastes; a description of the facility's past and current RCRA status; the location and condition of any vessels currently or previously used to store chemical products, hazardous substances or waste; and a summary of the nature of known on-site substance releases. The

information contained in this section was obtained from a review of Fiber Dynamic's files, discussions/interviews with plant personnel, and correspondence with State officials.

Waste Generation

No hazardous waste is currently generated, treated, or stored at the facility. In addition, no hazardous waste has been generated at the facility in the past 20 years. According to NCDENR officials, the facility at 200 South West Point Avenue has a North Carolina EPA Hazardous Waste Identification Number of NCD 071574214 and Fiber Dynamics is listed at this address. Fiber Dynamics and the NCDENR have no records of any waste disposal under this number. The only information in the NCDENR files is a notification sent to the State in August 1990 that stated that the facility is not generating any hazardous waste. JP Stevens & Company was listed as the owner of the facility on this notification.

Non-hazardous waste that is currently generated at the facility includes universal wastes such as fluorescent bulbs and used oil. Also, sludge from the on-site wastewater treatment operation in the basement of the facility is placed into a poly lined rolloff outside the northeast corner of the plant (see Figure 3). According to analytical testing performed in the past, the sludge is considered non-hazardous. The types and amounts of waste generated over the past few years are shown below:

<u>WASTE</u>	<u>STORAGE TYPE</u>	<u>DISPOSAL</u>
1. wastewater treatment sludge (approx 100 tons per year)	20 cubic yard box, outside NE corner of facility	City of High Point Kersey Valley Landfill
2. Used oil (approx 10 drums per year)	55-gallon drums, basement of facility	EcoSystems (past), currently A&D Environmental and Industrial, Archdale, NC
3. Fluorescent blubs (approx 50 per year)	Boxes inside facility	Cleanlites Recycling, Spartanburg, SC

Presently Used Chemicals and Hazardous Substances

Several chemicals or hazardous substances are used/stored in the facility. Several small containers of chemicals are present in the laboratory in the main level of the plant. A dry cleaning testing machine is located in the lab at the facility (Item D on Figure 3). This machine is/was used occasionally to test materials manufactured at the facility for durability. The machine has a 10-gallon reservoir containing trichloroethylene or perchloroethylene (PCE). The machine is a self-contained closed system and the material is constantly reused. The current machine was installed in 1997 to replace a 19-year old machine that did not have a closed loop system (vented to atmosphere). No leaks or etching were observed on the floor around the machine; no floor drains are located in the area. One 55-gallon drum of PCE is located in the basement of the facility (Item J on Figure 3). No evidence of leakage was observed on the concrete floor around the drum of PCE. According to plant personnel and records, there has been no use of the perchloroethylene at the plant in the past 12 years.

A parts washing station with a drum is present in the Shop (Item E on Figure 3). No evidence of leaks of material was observed on the concrete floor beneath the parts washer. The current parts washer contains a non-hazardous chemical. Prior to 2001, the parts washer in the shop contained solvents (PCE).

Numerous containers of chemicals and petroleum products are located inside the facility. A cylinder of Freon was observed in the basement of the plant. Small containers (one quart to five gallon) of paint, grease, compressor oil, hydraulic oil, kerosene, roofing tar, etc. were observed in the Shop and other areas of the facility. Several 55 to 150-gallon expansion drums and tanks containing oil (Item B on Figure 3) were suspended in the air in several areas of the plant. These drums are used to supply oil to machinery in plant operations.

55-gallon drums and totes of gear oil and hydraulic oil are stored in the basement of the facility (Item I on Figure 3). Several 55-gallon drums of used oil were observed in the used oil storage areas in the basement (Item I on Figure 3) and near the loading dock in the northeast corner of the plant (Dock 11). Boiler treatment chemicals are stored and used in the boiler rooms in the southeast corner of the facility. Numerous drums, totes, and smaller containers of various types of chemicals are used/stored in the plant including cleaners, auxiliaries, binders, catalyst, defoamers, dyes, fire retardents, fusible powders, fusible paste auxiliaries, wetting agents, boiler chemicals, air wash chemicals, test chemicals, heat transfer fluids, fibers, maintenance chemicals, and waste treatment chemicals. Some of the chemicals used include ammonia, liquid caustic soda/sodium hydroxide, sulfuric acid,

aluminum sulfate, polymers with minor formaldehyde, polyethylene, alcohol, dyes with ethylene glycol, ammonium and magnesium chloride, sodium sulfite, sodium chloride) are stored and used in the chemical storage area in the central portion of the basement. Several floor drains were observed in these areas; all floor drains reportedly lead to the on-site wastewater treatment system in the basement of the facility. Once the containers of chemicals are empty, they are stored along the north wall of the basement and then picked up and reused by the various chemical companies. The drums and totes of chemicals are delivered and picked up at loading docks 12 and 13 in the basement.

There are numerous aboveground storage tanks (ASTs) at the facility. Five ASTs are located in a concrete diked containment area outside the east side of the plant (Item C on Figure 3). These ASTs are 7,640 to 12,000-gallons in capacity and are used to store acrylic latex for plant operations. The latex is composed of water and acrylic polymer. A trace amount of formaldehyde is present in the material. Evidence of spillage of latex was observed inside and outside of the diked area.

An AST used to store boiler chemicals is located in the boiler room. Ten aboveground tanks (2,800 to 4,000 gallons in capacity) used in the mixing and dyeing operation are located in the basement of the facility. Aboveground tanks containing wastewater are located in the basement of the plant. Staining and evidence of leakage was observed on the concrete floor around these ASTs. Floor drains in the area lead to the on-site sump/pit and wastewater treatment system in the basement (Item K on Figure 3). The wastewater is treated on-site and the water is then reused or discharged to the City of High Point sanitary sewer system. The sludge is placed into a poly lined rolloff outside of the northeast corner of the facility.

Releases/Spills

There are no known or documented releases or spills of hazardous chemicals at the property. Several minor leaks of acrylic latex have occurred in the AST containment area. The material hardened and/or was cleaned up prior to reaching the stormwater drain in the area; no leaks of acrylic latex have migrated off-site.

ITEM 3 - UNITED STATES GEOLOGICAL SURVEY TOPOGRAPHIC MAP

Figure 1 contains a United States Geological Survey (USGS) topographic map of the site vicinity. Topography within a one mile radius of the site is presented on the figure.

ITEM 4 – SITE SURVEY

Figure 4 is a site survey prepared and certified by a Registered Land Surveyor in North Carolina. The survey contains the items requested in the *Guidelines*.

ITEM 5 - LOCAL GEOLOGY AND HYDROGEOLOGY

Blue Ridge personnel reviewed the following information with regard to the development of the presumed local and regional geology and hydrogeology of the site and surrounding area:

- Geologic Map of North Carolina, dated 1985, published by North Carolina Department of Natural Resources
- Soil Survey of Guilford County, North Carolina, dated 1977, published by the US Department of Agriculture Soil Conservation Service (USDA SCS)
- Topographic Map, 7.5-minute series, High Point West, North Carolina Quadrangle, dated 1969 photorevised 1987, published by the US Geological Survey (USGS)

Based on a review of the geologic map of the site vicinity, the site is underlain by rocks consisting of metamorphosed gabbro and diorite of the Carolina Slate Belt Geologic Unit. The soils encountered in this area are the residual product of chemical weathering of rock presently underlying the site. The soil weathering is more advanced near the surface grading with depth to less weathered rock and finally bedrock. The Guilford County Soil Survey indicates that soils at the site are classified as Urban Land which consists of areas where more than 75 % of the surface is covered with streets, buildings, parking lots, railroad yards and airports. The surficial natural soils in areas classified as Urban Land have been altered by cutting, filling, grading, and shaping during urbanization.

The site is located in the Piedmont Physiographic Province of North Carolina (Piedmont) which consists of low rounded hills and long rolling northeast to southwest trending ridges with incised creek channels. Topographically, the site lies along the eastern flank of a northeast-southwest trending ridge at an approximate elevation of 900 feet above mean sea level (MSL). Surface drainage patterns within the Piedmont typically indicate the direction contaminants would be transported by surface water or groundwater. Based on our interpretation of the topographic map and on-site observations, surface water at the site is expected to flow to the east towards an unnamed tributary of

Richland Creek. The surface drainage from the site and adjacent properties could be influenced by cultural features, such as buildings, paved areas, curbs, gutters, and storm drain systems.

The direction and movement of groundwater through soil is dependent on soil type and the presence of relict structures and textures of the underlying rock. Fractures, faults, folds, and foliation planes affect the migration of groundwater in rock. According to the geologic map reviewed, no major geologic features (faults, etc.) are present on or near the site, therefore, it is reasonable to assume that the direction of near-surface groundwater flow under static conditions (no pumping interference) approximates the surface topography of the site.

Groundwater recharge within the Piedmont region generally occurs on upland areas. The residual soils and weathered rock (saprolite) act as an infiltration medium and reservoir for water to seep into the fractures and joints of the underlying rock. Discharge from the system occurs at surface water features such as streams and lakes or at the base of slopes. In the Piedmont, the depth to groundwater is variable, but is typically encountered within 40 feet of the ground surface. Groundwater in the surficial aquifer in the site vicinity would be expected to flow to the east (Figure 1).

ITEM 6 - WELLS, SPRINGS, AND SURFACE-WATER INTAKES

In 2008, Blue Ridge personnel conducted a survey of wells, springs, and surface water intakes used as sources of potable water within a one-half mile radius of the site. This survey included contacting local regulatory agencies and conducting a vehicular reconnaissance of the area. In August 2008, no drinking water wells, springs, or surface water intakes were identified or observed in the site vicinity. The subject site and businesses and residences in the vicinity are served by the City of High Point municipal water system.

There are no surface water features on the Fiber Dynamics property. The nearest surface water feature is an unnamed tributary of Richland Creek located over 2,000 feet east of the site (Figure 1).

Runoff or storm water in the northeast portion of the site flows to a low area in the parking lot and then discharges off-site through a culvert which leads to the east.

ITEM 7 - ENVIRONMENTALLY SENSITIVE AREAS

Blue Ridge personnel contacted the following agencies to determine if the subject site and/or adjacent properties were environmentally sensitive areas:

- National Oceanic and Atmospheric Administration (NOAA)
- North Carolina Department of Cultural Resources
- North Carolina Division of Parks and Recreation - Natural Heritage Program
- North Carolina Division of Water Quality
- North Carolina Division of Forest Resources
- North Carolina Planning and Natural Resources
- North Carolina Wildlife Resources Commission
- United States Army Corps of Engineers (USACE)
- United States Fish & Wildlife Service
- United States Forest Service
- United States National Park Service

According to the persons interviewed and letters received from select agencies, the site and adjacent properties do not contain the environmentally sensitive areas listed in the NCDENR Guidelines, except the following. Ms. Deamer with the NCDENR Division of Water Quality (DWQ) stated that runoff from this area will flow into surface waters of Richland Creek, which is classified as a water supply watershed. Richland Creek ultimately drains into the Deep River and then into the Cape Fear River. According to Ms. Deamer and the North Carolina 305(b) and 303(d) list, Richland Creek is currently impaired for biological integrity and fecal coliform bacteria standard violations. Elevated turbidity levels have also been identified as an issue in Richland Creek. The Deep River and the Cape Fear River below where Richland Creek flows in is also impaired for Chlorophyll a standard violations due to excessive nutrients being delivered from the watershed. Ms. Deamer stated that any activity on this property needs to eliminate sediment, nutrients and any other pollutants from running off site. She stated that these will have a directly impact to water quality of Richland Creek and to both the Deep and Cape Fear Rivers as well as impact the aquatic species that inhabit the area.

Based on the results of our survey, the site and adjacent properties that do not likely serve as natural areas attractive to terrestrial ecological receptors. Also, during our site reconnaissance we did not observe evidence of any areas of stressed vegetation or stressed wildlife.

SITE HISTORY

ITEM 8 – CHRONOLOGICAL LISTING OF PROPERTY OWNERS

According to information available at the Guilford County Tax Department, the property ownership has been as follows:

- 1985 to Present – Fiber Dynamics
- 1975 to 1985 – J. P. Stevens & Company
- 1968 to 1975 – Joseph Bancroft & Sons Company.
- 1964 to 1968 – Anton Corp
- 1952 to 1964 – Diamond Hosiery Corp.
- Prior to 1952 – Diamond Full Fashioned Hosiery Company

We reviewed city directories available for the site vicinity at the High Point Public Library. The subject property was listed as follows in the city directories:

2002 to 2003	Sommers and Fiber Dynamic – 200 SW Point Avenue
1984 to 2002	Fiber Dynamics – West Point Avenue South
1976 to 1984	J. P. Stevens & Co. Inc. – West Point Avenue
1974 to 1975	No listing – vacant – 208 SW Point Avenue
1965 to 1973	Indian Head Hosiery Co. – 208 West Point Avenue South
1953 to 1965	Diamond Mills Corp – 208 SW Point Avenue
1929 to 1950	Diamond Full Fashioned Hosiery Co. – 1001 Southern Avenue
Prior to 1929	Company and address not listed

ITEM 9 - OPERATIONAL HISTORY

The subject site and surrounding vicinity is presently an industrial area and has been an industrial area for over 90 years. As shown on Figure 2, South West Point Avenue, a warehouse (former furniture plant), and parking areas border the site to the north and northeast. A small area of woods and an abandoned railroad spur border the site to the east and southeast. A former Duke Power

substation, Southern Place, and several commercial properties border the site to the south and southwest. Courtesy Road and railroad tracks border the site to the west and northwest. Several large chemical manufacturing facilities, Engineering Polymer Solutions and Valspar, are located west across the railroad tracks from the subject facility.

We reviewed available Sanborne fire insurance maps for the subject property at the High Point Public Library and on-line at NC Live!. Copies of portions of several Sanborne maps are included in Appendix A. The latest Sanborn map showing the warehouse/basement addition in the northeast corner of the facility. This map indicates that the warehouse/basement portion of the facility was constructed in 1965. A 20,000-gallon fuel oil UST was shown adjacent to the Knitting Building on this Sanborn map. The 1954 revised Sanborn map showed a segmented building occupied by Diamond Full Fashion Hosiery Co. Older Sanborn maps showed a single small building in the northwest corner of the subject property (hosiery mill) and a boiler room and kiln in the southwestern portion of the site. An erecting shop of the Southern Car Company was located in the northwest corner of the site prior to the hosiery mill.

We reviewed several aerial photographs (1958, 1982, 1988, 1994, 1998, 2002, and 2008) available for the site vicinity at the High Point Planning Department and on-line at the Guilford County and City of High Point GIS Websites. The 1994 through 2008 aerial photographs showed the site essentially as observed during our site visit. A large manufacturing building was present in the center of the property with parking areas in the northeastern portion of the site. The 1982 and 1988 aerial photographs showed additional office space attached to the western side of the building along Courtesy Road (these offices were demolished). The 1958 aerial photograph showed a smaller manufacturing building on the subject site (the additional space to the northwest and northeast were not attached to the building at that time and the current parking lot in the northeastern corner of the property was a grassy lot). Copies of the 1998 and 1958 aerial photographs are presented in the Phase I Environmental Site Assessment in Appendix A. The 2008 aerial photograph is presented as Figure 2 of this report.

ITEM 10 - HAZARDOUS SUBSTANCES

As discussed in Item 2, several hazardous substances are presently used at the site. A small reservoir of perchloroethylene or PCE is in a dry cleaning testing machine located in the lab at the facility (Item D on Figure 3). One 55-gallon drum of PCE is located in the basement of the facility (Item J on Figure 3). No evidence of leakage was observed on the concrete floor around the dry cleaning machine or the drum of PCE.

A parts washing station with a drum is present in the Shop (Item E on Figure 3). No evidence of leaks of material was observed on the concrete floor beneath the parts washer. The current parts washer contains a non-hazardous chemical. Prior to 2001, the parts washer in the shop contained solvents (PCE).

Boiler treatment chemicals are stored and used in the boiler rooms in the southeast corner of the facility. Numerous drums, totes, and smaller containers of various types of chemicals are used/stored in the plant including cleaners, auxiliaries, binders, catalyst, defoamers, dyes, fire retardants, fusible powders, fusible paste auxiliaries, wetting agents, boiler chemicals, air wash chemicals, test chemicals, heat transfer fluids, fibers, maintenance chemicals, and waste treatment chemicals. Some of the chemicals used include ammonia, liquid caustic soda/sodium hydroxide, sulfuric acid, aluminum sulfate, polymers with minor formaldehyde, polyethylene, alcohol, dyes with ethylene glycol, ammonium and magnesium chloride, sodium sulfite, sodium chloride. Most of the chemicals are stored and used in the chemical storage area in the central portion of the basement. Several floor drains were observed in these areas; all floor drains reportedly lead to the on-site wastewater treatment system in the basement of the facility. Once the containers of chemicals are empty, they are stored along the north wall of the basement and then picked up and reused by the various chemical companies. The drums and totes of chemicals are delivered and picked up at loading docks 12 and 13 in the basement.

Five ASTs containing acrylic latex are located in a concrete-diked containment area outside the east side of the plant (Item C on Figure 3). These ASTs are 7,640 to 12,000-gallons in capacity. The latex is composed of water and acrylic polymer. A trace amount of formaldehyde is present in the material. Evidence of spillage of latex (hardened material) was observed inside and outside of the diked area.

ITEM 11 - PERMIT HISTORY

Fiber Dynamics has a permit to operate a 20,000-gallon underground storage tank (UST) system at the subject property. The UST is in use by Fiber Dynamics to provide a supply of fuel oil to on-site boilers (emergency backup to natural gas). The site is assigned Facility ID# 0-010093. The current permit expires on March 31, 2010. A copy of the permit is included in Appendix B. Records indicate that this UST was installed at the subject site on March 9, 1971. The permit was originally issued to the facility to operate two 20,000-gallon fuel oil USTs. One UST was abandoned in place inside the in 1993.

According to NCDENR officials, the facility at 200 South West Point Avenue has a North Carolina EPA Hazardous Waste Identification Number of NCD 071574214 and Fiber Dynamics is listed at this address. Fiber Dynamics and the NCDENR have no records of any waste disposal under this number. The only information in the NCDENR files is a notification sent to the State in August 1990 that stated that the facility is not generating any hazardous waste. JP Stevens & Company was listed as the owner of the facility on this notification.

Fiber Dynamics discharges wastewater from the pretreatment area inside the building to the City of High Point sanitary sewer system under Wastewater Discharge Permit Number 0028. A copy of the current permit is presented in Appendix B. The current permit expires on June 30, 2011. The permit indicates that Fiber Dynamics is a non-significant industrial user.

Fiber Dynamics has a permit to operate air three air emission sources (two No. 2 fuel oil fired boilers and a dry cleaning machine) at the subject facility. A copy of Air Permit No. 04779R07 issued by the NCDENR Division of Air Quality is included in Appendix B. The current permit expires on June 30, 2013.

ITEM 12 - SUMMARY OF ENVIRONMENTAL INVESTIGATIONS

Below is a summary of previous environmental investigations and environmental regulatory involvement with the site. Copies of the assessment reports and laboratory data are included in Appendix A.

Phase I Environmental Site Assessment

In 2004 Blue Ridge performed a phase I environmental assessment of the subject property. The work was summarized in Blue Ridge's *Report of Phase I Environmental Site Assessment* dated April 2004.

On-Site environmental concerns identified during the Phase I included the following:

- Two 20,000-gallon fuel oil underground storage tanks (USTs) are present on the site. One 20,000-gallon UST is abandoned in place at the loading dock in the southern portion of the facility. This UST was filled with concrete slurry in 1993. No samples were taken at the base of the UST during closure activities due to water entering the area and utilities nearby. A 20,000-gallon fuel oil UST is located inside the western portion of the facility. This UST is used to fuel the backup generator for the plant. This UST was reportedly installed in 1971 and there have been no reported leaks from this UST. The tank is registered with the NCDENR.
- An apparent vent pipe was observed outside the northwest wall of the plant outside the cutting room. The use of this vent pipe is unknown; the pipe appeared to be connected to an underground drum.
- Four 7,640 gallon aboveground storage tanks (ASTs) and one 15,440 gallon AST used to store acrylic latex are located in a concrete diked containment area on the southern portion of the property. Evidence of spillage of latex was observed on the ground outside the diked area. Ten ASTs (2,800 to 4,000 gallons in capacity) used in the mixing and dyeing operation are located in the basement of the facility. ASTs containing wastewater are located in the basement of the plant. Staining and evidence of leakage was observed on the concrete floor around these ASTs.
- A dry cleaning machine with a 10-gallon reservoir containing perchloroethylene (PCE) is in use in the lab at the facility. The machine is a self-contained closed system and the material is constantly reused. No leaks or etching were observed on the floor around the machine. One 55-gallon drum of perchloroethylene was observed in the basement of the facility. No evidence of leakage was observed on the concrete floor around the drum of PCE.
- A parts washing station was observed in the Shop and Parts Room. No evidence of leaks of material was observed on the concrete floor beneath the parts washer. The current parts washer contains a non-hazardous chemical. Prior to 2001, the parts washer in the shop contained solvents.
- Numerous containers of chemicals and petroleum products were observed inside the facility including Freon, paint, grease, compressor oil, hydraulic oil, kerosene, roofing tar, etc. were observed in the shop and other areas of the facility. Several 55 to 150-gallon expansion drums and tanks containing oil were suspended in the air in several areas of the plant. Eleven 55-gallon drums of gear oil and hydraulic oil were observed in the basement of the facility. A small pool of oil was observed around the drums. A floor drain was observed in this area. Boiler treatment chemicals were observed in the boiler rooms. Staining was observed on the concrete floor of the boiler rooms. Numerous drums and totes of chemicals (ammonia, polyethylene, alcohol, latex, dyes, surfactants, and ammonium chloride) were observed in the chemical storage area in the central portion of the basement. Several floor drains were observed in these areas. Several 55-gallon drums of used oil were observed in the waste oil storage areas in the basement and in the loading dock in the southern portion of the plant.

- Leaks were observed around many of the machines and containers of chemicals and petroleum products at the plant. Floor drains were observed near several of these leaks. The floor drains at the facility reportedly drain to the on-site sump and wastewater treatment system in the basement.
- The plant operates a sump and wastewater treatment system in the basement at the facility. The sludge obtained from the treatment process is placed in a filter press and then transferred to a rolloff outside the eastern portion of the plant. Stained asphalt, concrete, and soil was observed near the rolloff containing the wastewater treatment sludge and the trash compactor along the eastern wall of the plant. Reportedly, the current trash compactor was installed several years ago following numerous leaks from the former compactor.
- Suspect asbestos-containing materials (ACM) – floor tile and boiler insulation - were observed in several areas of the facility. The suspect ACM at one of the boilers appeared friable and in poor condition.

Blue Ridge recommended that a Phase II assessment (soil and/or groundwater sampling) be performed around the 20,000-gallon UST abandoned in place at the loading dock, stained areas around the trash compactor, stained areas around the wastewater treatment sludge roll off, and the acrylic latex ASTs to determine the current soil and groundwater quality in the vicinity of these environmental concerns.

Phase 2 Environmental Site Assessment

In 2004 Blue Ridge performed a phase 2 environmental assessment of the areas of concern identified at the subject property during the Phase 1 ESA. The work was summarized in Blue Ridge's *Report of Phase 2 Environmental Site Assessment* dated October 29, 2004. The work performed is summarized below. On September 29, 2004, Blue Ridge and its drilling subcontractor advanced 13 soil borings (B-1 through B-13) in area of potential environmental concern at the property: loading docks (B-1, B-4, B-5, B-9), rolloff with wastewater treatment sludge and wastewater treatment system effluent point (B-2, B-3), downgradient of loading docks and stained asphalt (B-6), aboveground storage tank area (B-7 and B-8), unknown vent pipe (B-11), and underground storage tank abandoned in place at one of the loading docks (B-12, B-13). Several volatile organic compounds (VOC) and semi-VOCs were detected in the soil samples from borings B-2, B-5, B-8, B-9, and B-11 in 2004.

The low concentrations of VOC and semi-VOCs detected did not appear to represent a significant environmental concern. However, vinyl chloride was detected in the soil sample collected from boring B-5 and benzo(a)pyrene was detected in the soil samples collected from borings B-5, B-9, and B-11 at concentrations above the NCDENR action levels. Tetrachloroethene (TCE) was detected in a water sample collected from boring B-6 at a concentration (2.4 ug/L) above the

NCDENR 2L Groundwater Standard (0.7 ug/L). Benzo(a)pyrene and vinyl chloride were not detected in the water sample collected from boring B-6 in 2004. In the report, Blue Ridge stated that the water sample was collected from borehole B-6 using a Geoprobe sampling device. Blue Ridge recommended that the water be resampled in the area of B-6 using a monitoring well and a more thorough purging of the monitoring well prior to sampling

Additional Phase 2 Environmental Site Assessment

In April 2008 Fiber Dynamics authorized Blue Ridge to perform additional environmental assessment activities at the subject site. The work was performed to further evaluate the nature of the soil and groundwater quality at the site. The work was summarized in Blue Ridge's *Report of Additional Phase 2 Environmental Services* dated June 2008 and is outlined below.

On April 29, 2008, Blue Ridge personnel drilled four soil borings near the areas of concern identified during the soil and groundwater sampling event performed in 2004: P-1 near Boring B-5, P-2 near boring B-9, P-3 near boring B-6, and P-4 near boring B-11. On May 21, 2008 Blue Ridge personnel collected two soil samples (S-1 and S-2) from a ditch along the south side of the property. Temporary monitoring wells were installed in boreholes P-1 through P-3 and groundwater samples were collected from the wells on April 29 and 30, 2008. The results are summarized below:

- One VOC (vinyl chloride) was detected in the soil sample obtained from boring P-1 at a concentration of 0.0314 milligrams per kilogram (mg/kg). One VOC (vinyl chloride) was detected in the groundwater sample collected from temporary well P-1 at a concentration of 5 micrograms per liter (ug/L). No SVOCs were detected in the soil sample or groundwater sample collected from boring P-1.
- Two SVOCs (fluoranthene and pyrene) were detected in the soil sample collected from boring P-2 at concentrations of 0.515 and 0.466 mg/kg, respectively. No SVOCs were detected in the groundwater sample collected from the temporary well installed in boring P-2.
- No VOCS were detected in the groundwater sample collected from the temporary well installed in boring P-3.
- No SVOCs were detected in the soil sample collected from boring P-4.
- One PCB (Aroclor 1260) was detected in soil samples S-1 and S-2 at concentrations of 0.108 and 0.107 mg/kg, respectively.

Blue Ridge's 2008 report stated that vinyl chloride was detected in the soil sample obtained from boring P-1 at a concentration (0.0314 mg/kg) above the NCDENR Hazardous Waste Section Soil Screening Level of 0.0000952 mg/kg. Vinyl chloride was detected in the groundwater sample collected from temporary well P-1 at a concentration (5 ug/L) which is above the NCDENR 2L Groundwater Standard of 0.015 ug/L.

Fluoranthene and pyrene were detected in the soil sample collected from boring P-2 at concentrations below NCDENR action levels. No SVOCs were detected in the groundwater sample collected from the temporary well installed in boring P-2.

No VOCs including tetrachloroethene (TCE) were detected in the groundwater sample collected from the temporary monitoring well installed in boring P-3 in 2008. No SVOCs were detected from the soil sample collected from boring P-4. Probe refusal was encountered in this area, therefore, the groundwater was not sampled to determine if it has been impacted by the benzo(a)pyrene detected in the soil in boring B-11 in the area in 2004.

Low levels of PCBs (Aroclor 1260) were detected in two soil samples collected along the south side of the property adjacent to the former transformer station property. The PCBs were not detected at concentrations above the State and Federal action level of 0.22 mg/kg.

Since two contaminants (benzo(a)pyrene and vinyl chloride) were detected in the soil and/or groundwater in two areas of the site (loading dock outside northeast corner of basement and vent pipe and buried drum outside west side of facility), at concentrations above State action levels, Blue Ridge recommend that the NCDENR and Guilford County Department of Public Health (GCDPH) be notified. On June 27, 2008 Blue Ridge submitted a *Notice of Release* report to the GCDPH. The letter included a copy of the 2008 report. On July 14, 2008 the GCDPH and NCDENR Division of Waste Management (DWM) Superfund Section Inactive Hazardous Sites Branch (IHSB) issued a *Notice of Regulatory Requirements (NORR) for Contaminant Assessment and Cleanup* to Fiber Dynamics regarding the release of hazardous substances at the property. The letter requested completion of a Site Cleanup Questionnaire.

On August 27, 2008 Blue Ridge submitted a *Response to the NORR dated July 14, 2008* and included the information required by the NCDENR (i.e., site cleanup questionnaire and receptor and land use survey information). Based on the information presented, the NCDENR IHSB

submitted a draft *Administrative Agreement for State-Directed Assessment and Remedial Action (the Agreement)* to Fiber Dynamics in September 2008. A final Agreement was submitted to Fiber Dynamics in February 2009. This Agreement only governs the assessment and cleanup of the release of hazardous substances at the property, not the release of petroleum substances (that was handled directly by the GCDPH under separate reporting). In February 2009 Fiber Dynamics personnel signed and returned the final Agreement to NCDENR personnel. On April 21, 2009 the NCDENR signed and returned the Agreement to Fiber Dynamics personnel.

The soil and groundwater analytical results for the areas where hazardous substances were detected during previous investigations are presented in Tables 1 and 2. The soil boring and groundwater sampling locations are shown on Figure 5.

Remediation of Petroleum-Impacted Soil

Since benzo(a)pyrene was detected in the soil in two locations on the property (west side of the building along Courtesy Road and southeast corner of the building) at concentrations above the State action levels, Blue Ridge and its subcontractor excavated and removed the petroleum-impacted soils from the site. The work was summarized in Blue Ridge's *Report of Soil Remediation Services* dated March 17, 2009 and is outlined below.

On February 17, 2009 Blue Ridge and its subcontractor excavated the drum and surrounding petroleum-impacted soil from the area outside the west side of the site building and the petroleum-impacted soil identified at 3 to 4 feet bgs near the rolloff on the east side of the building. Both excavations were advanced vertically until no soil with a petroleum odor and/or visually staining was observed and/or to a depth of approximately six to seven feet bgs. Approximately 13.25 tons of petroleum-contaminated soil was removed from both excavations.

Pyrene (0.422 mg/kg) was the only constituent detected in the confirmation soil samples collected from the base and sidewalls of the western excavation. Pyrene was not detected in the soil samples at concentrations above the NCDENR action level (290 mg/kg). No petroleum constituents were detected in the confirmation soil samples collected from the base and sidewalls of the eastern excavation. No further assessment or remediation are recommended in these two areas. Blue Ridge submitted a copy of this report to the GCDPH and requested closure for this incident.

PROPOSED METHODS OF INVESTIGATION

ITEM 13 - PROPOSED PROCEDURES TO CHARACTERIZE GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

There are no known or documented releases of hazardous substances at the subject site. Two hazardous constituents (vinyl chloride in soil and groundwater and tetrachlorethene in groundwater) were detected outside the loading docks in the northeast corner of the building at the subject site during previous site assessments. The objective of the field sampling program is to assess the extent of the constituents of concern (COCs) identified during previous phase II investigations. The focus of the investigation will be on areas of the site where elevated levels of COCs were detected the previous investigation, i.e., the loading dock in the northeast corner of the on-site building. Based on the findings of the previous environmental investigations and the NCDENR *Guidelines*, Blue Ridge recommends the following procedures for characterizing site geologic and hydrogeologic conditions and identifying and delineating each contamination source as to each affected medium:

- To address the extent of impacted soil, Blue Ridge will drill two soil borings outside Dock 11 and seven soil borings outside Docks 12 and 13 (see Figure 5 for locations). The borings will be drilled to the top of water or refusal (whichever is encountered first). Soil samples will be collected at select intervals (0 to 1 ft, every 5 ft to groundwater as outlined below) and submitted to a North Carolina certified laboratory for analysis for the parameters outlined below.
- Blue Ridge will complete and submit a permit application to the GCDPH to obtain a permit to install monitoring wells at the subject site.
- To address the horizontal extent of impacted groundwater, Blue Ridge will install one monitoring well at Dock 11 and five monitoring wells around Docks 12 and 13 to the top of bedrock (see Figure 5 for locations). As necessary, Blue Ridge will install one to two monitoring wells into the bedrock to determine the groundwater quality in the rock and to determine the vertical extent of contamination. The locations of these well(s) will be determined after the horizontal assessment activities are completed.
- Blue Ridge will develop and sample the newly installed monitoring wells. The groundwater samples will be submitted under proper chain-of-custody procedures to a North Carolina certified laboratory for analysis for the parameters outlined below.
- Investigation-derived wastes (soil cuttings, development water) will be placed in a drum for characterization and future off-site disposal.

- Blue Ridge will obtain a NC licensed professional land surveyor to measure the ground surface and top of casing elevations in each of the monitoring wells as well as the ground surface of all boring locations.
- To determine the direction of ground-water movement at the site, Blue Ridge will measure the depth to ground water in the new and existing monitoring wells.
- To determine the rate of ground-water movement, Blue Ridge will perform inflow permeability tests in several site monitoring wells.

The proposed locations, methods, depths of, and justification for sample collection points for each media sampled are outlined below. Based on the results of the field activities outlined above, additional assessment activities may be necessary to define the horizontal and vertical extent of impacted soil and groundwater.

ITEM 14 - PROPOSED FIELD METHODS

The soil boring and monitoring well locations were selected based on existing site conditions, utility locations, suspected contamination source (loading docks and trash compactor), estimated groundwater flow direction (based on topography), drill rig accessibility, and information obtained from previous assessment activities performed at the site. The borings and wells will be placed as follows:

- Two soil borings will be advanced outside loading dock 11 to further evaluate the presence of constituents in the soil in this area (not analyzed for SVOCS in past). A monitoring well will be installed in one of the boring closest to the loading dock to evaluate the groundwater quality in this area (no groundwater sample in the past).
- Seven soil borings will be advanced around loading docks 12 and 13 and the trash compactor to delineate the horizontal extent of impacted soil in this area. One of these borings (adjacent to B-5 location) will be drilled deeper/to rock and a monitoring well will be installed in this boring. Four monitoring wells will be installed in a circular fashion around the loading dock/trash compactor area to attempt to determine the horizontal extent of impacted groundwater in this area.

The soil sampling depths and screened intervals will be based on the depths to soil and rock, OVA readings, depth to ground water, type of contaminant (i.e., vinyl chloride, PCE, and TCE are sinkers) and information obtained from previous site assessments.

The proposed field and sampling procedures will follow the *Guidelines* and generally accepted reference manuals including the EPA Region IV Science and Ecosystem Support Division (SESD) PROC-300-R1 (soil), PROC-301-R1 (groundwater) last revised November 2007, and PROC-011-R2 (field sampling QC) last revised January 2008. Outlined below are a few of the field procedures to be followed.

Soil Test Borings

The test borings will be drilled using a truck or track-mounted drilling rig and/or Geoprobe. The Geoprobe will use 2 ¼-inch diameter steel rods pushed/advanced hydraulically through the soils. Soil samples will be collected using plastic sleeves hydraulically pushed into the soil using the Geoprobe. The drilling rig will use 4-inch to 10-inch outer diameter hollow-stem steel augers, rock coring techniques, or air rotary drilling procedures to advance the boreholes. Soil sampling and penetration testing will be performed in borings drilled with hollow-stem augers in general accordance with ASTM D-1586. At selected intervals, soil samples will be obtained with a standard 1.4-inch I.D., 2-inch O.D., split-spoon sampler. The sampler will initially be seated 6 inches in the soil to penetrate any loose cuttings, and then will be driven an additional 12 inches with blows of a 140-pound hammer falling 30 inches. The number of hammer blows required to drive the sampler the final 12 inches will be recorded and is designated the "penetration resistance".

Representative portions of the soil/cuttings will be obtained continuously when using a Geoprobe and at 0 to 1 feet and then 5-foot intervals when using hollow-stem augers. The soil will be described and scanned with in the field for organic vapors using a portable field meter. One soil sample from each boring will be collected for laboratory analysis. In some cases, a second sample will be analyzed from the lower portion of the borehole to evaluate the vertical extent of impacted soil. The sample collection procedures will follow the NCDENR and EPA guidance documents. The soil samples will be collected using new gloves, placed into laboratory-prepared containers (some with preservatives), labeled with identifying numbers and sample information, placed into a cooler containing ice, and then transported to Pace Analytical in Huntersville, North Carolina for analysis. A chain-of-custody form will be maintained with the samples.

Field boring logs showing the soil descriptions, penetration resistances, and organic vapor readings will be prepared. The borings which are not converted to monitoring wells will be grouted upon completion of field activities. To reduce the potential for cross-contamination between borings, the

downhole drilling equipment will be steam-cleaned and/or cleaned with phosphate-free soap and distilled water prior to drilling each boring.

Monitoring Well Installations and Sampling

Type II monitoring wells will be installed in select boreholes. The Type II monitoring wells will consist of 2-inch diameter PVC (Schedule 40 with flush-threaded joints) with a 5 to 10-foot (0.010-inch slots) screen section. Since vinyl chloride and tetrachloethene are sinkers, the screen will be installed in the bottom of the borehole on top of rock. A sand pack (medium washed sand) will be placed around to approximately two feet above the screened section of the PVC pipe to stabilize the formation and to yield a less turbid groundwater sample. A minimum one foot thick bentonite seal will be placed on top of the sand pack. The borehole will then be grouted to near the ground surface using a cement/bentonite mixture. A lockable PVC well cap and flush-mounted protective cover with lockable cap will be cemented in place over each well. A well tag with monitoring well construction details will be placed at each well.

One or more Type III (deep) monitoring wells will be installed at the property. The Type III wells will consist of a nominal 6 to 10-inch diameter borehole advanced through the overburden soils to the top of rock. PVC pipe (4-inch or 6-inch diameter) will be installed to the top of rock and the annular space between the borehole and the PVC pipe will be grouted to near ground surface using a cement/bentonite grout. After the grout outside the PVC casing had cured for at least 24 hours, a 3 or 4-inch diameter hole will be advanced to a water bearing zone in the rock or to a maximum of about 30 feet into rock using core drilling or air rotary drilling procedures. A 2-inch diameter PVC pipe with a 5-foot screened interval will be installed through the outer casing to the termination depth of the borehole. The well will then be completed similar to the Type II monitoring well construction described above.

Upon completion, the wells will be developed and sampled using clean, dedicated polyethylene bailers and/or low flow sampling techniques using a pump and new polyethylene tubing inserted into the wells. Field parameters (pH, specific conductivity, temperature, etc.) will be monitored during well development and sampling. The groundwater samples will be placed into laboratory-prepared containers (some with preservatives), labeled with identifying numbers and sample information, placed into a cooler containing ice, and then transported to Pace Analytical in

Huntersville, North Carolina for analysis. A chain-of-custody form will be maintained with the samples.

Following well development and restabilization of ground water, the depth to groundwater in each well will be measured using an electric water level indicator. The ground surface and top of casing elevations in each well will be measured by a registered professional land surveyor. The elevations will be calculated relative to the National Geodetic Vertical Datum (NGVD) using a known elevation point on site.

Inflow Permeability Testing

Inflow permeability tests will be performed in select monitoring wells to estimate the hydraulic conductivity of the formation materials (exposed to the screened interval) at each well location. The hydraulic conductivity is a constant of proportionality relating to the ease with which a fluid passes through a porous medium. The field procedure is to:

- measure the depth to the ground water in the well;
- remove a volume of water from the well by bailing or pumping; and
- measure the groundwater recovery rate by taking water level measurements at selected time intervals.

The data will be plotted and the hydraulic conductivities computed using techniques described in Bouwer (1989) and Bouwer and Rice (1976).

Equipment Calibration

Field equipment including organic vapor meters, water quality meter, water level indicator will be calibrated prior to use according to the manufacturer's specifications.

ITEM 15 - QUALITY ASSURANCE/QUALITY CONTROL PROCEUDRES

The proposed field and laboratory procedures for quality assurance (QA)/quality control (QC) will follow the *Guidelines* and generally accepted reference manuals including the EPA Region IV SESD Operations and Quality Assurance Manual Section 3.2 and the Field Sampling Quality Control Manual (PROC-011-R2 last revised January 2008). Field QC samples will be obtained and analyzed including:

- one duplicate sample per container type per medium per day
- equipment rinseate blanks
- VOA trip blanks

Lab QA/QC samples will be analyzed according to the reference manuals.

ITEM 16 - PROPOSED ANALYTICAL PARAMETERS

The analytical parameters and analytical methods to be used during this assessment generally comply with Attachment A of the *Guidelines*. In summary, the soil and groundwater samples will be analyzed for volatile organic compounds (VOCs) by EPA Method 8260 and semi-volatile organic compounds (SVOCs) by EPA Method 8270. VOCs and SVOCs are constituents of concern at the site and they are the only contaminants detected in the area of concern.

ITEM 17 - PRINCIPAL CONSULTANT AND LABORATORY

The principal consultant and laboratory on this project are as follows:

Mr. Jeff Gerlock, L.G.
Blue Ridge Geological Services, Inc.
306 Eden Terrace, Suite C
Archdale, North Carolina 27263
(336) 431-5454

Pace Analytical Services, Inc.
9800 Kinsey Avenue, Suite 100
Huntersville, North Carolina 28078
(704) 875-9092
North Carolina Certification #37706

Mr. Gerlock has been working with Fiber Dynamics at this facility on various environmental issues since 2004. Mr. Gerlock's resume is presented in Appendix C. Mr. Gerlock and Blue Ridge will use various drilling companies to perform the drilling activities at the site. Blue Ridge will use Pace Analytical Services, Inc. (Pace) to perform the analytical testing. Pace is certified to analyze applicable certifiable parameters under Title 15A of the North Carolina Administrative Code, Subchapter 2H, Section .0800. The laboratory qualifications are summarized in Appendix C.

ITEM 18 - EQUIPMENT AND PERSONNEL DECONTAMINATION PROCEDURES

Equipment and personnel decontamination procedures will follow the *Guidelines* and generally accepted reference manuals including the EPA Region IV SESD PROC-205-R1 last revised November 2007.

Field equipment including organic vapor meters, water quality meter, and water level indicator will be cleaned / decontaminated using a non-phosphate detergent (e.g., Alconox) and distilled water prior to and after usage.

SCHEDULE

ITEM 19 - PROPOSED SCHEDULE

The proposed schedule for additional phases of work and estimated completion dates for each phase are as follows:

<u>Phase</u>	<u>Estimated Completion Date</u>
Phase I Remedial Investigation Work Plan	July 2009
Remedial Investigation (3-4 months after NCDENR approval of RI Work Plan)	Nov – Dec 2009
Risk Assessment and Cleanup Level Determination Remedial Action Plan (2-3months after the NCDENR notification that RI is complete)	Feb - April 2010
Implementation of Remedial Action Plan	60 days of NCDENR approval
Weekly / Quarterly Progress or Status Reports	30 days after end of each quarter
Remedial Action Plan Report	Completion of remedial action

OTHER INFORMATION

ITEM 20 – OTHER INFORMATION

A Health and Safety Plan (HASP) was prepared for future field activities at the site. The HASP is kept in the project file at Blue Ridge's office. The Health and Safety Plan will be reviewed by all on-site personnel prior to field activities and kept on-site during the work. MSDS sheets for several on-site chemicals, including perchloroethylene, a dye (Uvitex), and an acrylic latex paint (Rhoplex), are contained in the Health and Safety Plan. The Health and Safety Plan was prepared to conform to OSHA requirements.

CERTIFICATION

ITEMS 21 THROUGH 23 - PROFESSIONAL CERTIFICATIONS

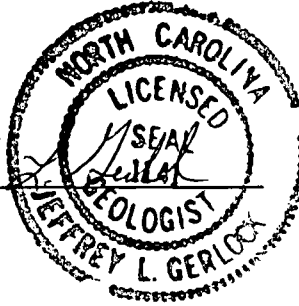
I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete.

Jeffrey L. Gerlock

Printed Name

Jeffrey L. Gerlock, L.G.
NC Licensed Professional Geologist #1141

[Signature]
Signature



7/17/09

Date

I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete.

Jim Heery

Printed Name

Mr. Jim Heery
President of Fiber Dynamics, Inc.

[Signature]
Signature

7/17/09

Date

TABLES

TABLE 1
SUMMARY OF SOIL SAMPLING RESULTS

Parameter		Analytical Results							Cleanup Levels	
Sample ID		B-1	B-2	B-4	B-5	B-8	B-9	P-1	NCDENR	NCDENR
Sample Depth (ft, bgs)	Analytical	1 - 3	1 - 3	1 - 3	1 - 3	2 - 3	3 - 4	2 - 4	IHSB	IHSB
Collection Date	Method	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	4/29/2008	SRG	PGW SRG
Volatife Organic Compounds - VOCs										
Acetone	8260	ND	0.0526	ND	ND	ND	ND	ND	12000	2.81
Carbon disulfide	8260	ND	ND	ND	ND	0.00545	ND	ND	130	4.94
Vinyl Chloride	8260	ND	ND	ND	0.0023	ND	ND	0.0314	0.06	0.0000952
Total VOCs	8260	ND	0.0526	ND	0.0023	0.00545	ND	0.0314	NE	NE
Semi-Volatile Organic Compounds - SVOCs										
Benzo(a) anthracene	8270	NA	ND	NA	0.085	ND	0.163	ND	0.15	0.343
Benzo(a)pyrene	8270	NA	ND	NA	0.1	ND	0.213	ND	0.015	0.0928
Benzo(b)fluoranthene	8270	NA	ND	NA	0.132	ND	0.176	ND	0.15	1.18
Benzo(k)fluoranthene	8270	NA	ND	NA	0.1	ND	0.16	ND	1.5	11.8
Benzo(g,h,i)perylene	8270	NA	ND	NA	0.104	ND	0.138	ND	NE	6720
Chrysene	8270	NA	ND	NA	0.097	ND	0.163	ND	15	38.2
Fluoranthene	8270	NA	ND	NA	0.189	ND	0.339	ND	460	276
Indeno(1,2,3-cd)pyrene	8270	NA	ND	NA	0.089	ND	0.117	ND	0.15	3.32
Phenanthrene	8270	NA	ND	NA	0.109	ND	0.209	ND	NE	59.6
Pyrene	8270	NA	ND	NA	0.186	ND	0.272	ND	340	286
Total SVOCs	8270	NA	ND	NA	1.191	ND	1.950	ND	NE	NE

Notes:

No soil samples analyzed from borings B-3 and B-6.

All concentrations are in milligrams per kilogram (mg/kg)

ft, bgs - feet below ground surface

MSCC = Maximum Soil Contaminant Concentration

NC HWS SSL - North Carolina Hazardous Waste Section Soil Screening Level

RBL = Risk Based Level - Primary Remediation Goal

SRG = NCDENR IHSB Health-Based Soil Remediation Goals

PGW SRG = NCDENR IHSB Protection of Groundwater Soil Remediation Goals

Bold values are above the NC HWS SSLs and/or the RBL, or the SRGs.

ND - Not Detected

N/A - Not Applicable

NA - Not Analyzed

NE - Not Established

TABLE 2

SUMMARY OF GROUNDWATER SAMPLING RESULTS

	Analytical Results				State Standards
Sample ID	B-6	P-1	P-2	P-3	2L Groundwater
Collection Date	9/29/2004	4/29/2008	4/29/2008	4/29/2008	Quality Standard
<i>Volatile Organic Compounds (VOCs)</i>					
Tetrachloroethene	2.4	ND	NA	ND	0.7
Trichlorofluoromethane	2.2	ND	NA	ND	2100
Vinyl Chloride	ND	5.0	NA	ND	0.015
<i>Semi-volatile Organic Compounds (SVOCs)</i>					
Total SVOCs	ND	ND	ND	NA	NE

Notes:

All concentrations are reported in micrograms per liter (ug/L).

Samples were analyzed by EPA Methods 8260 and 8270

ND - Not Detected

NA - Not Analyzed

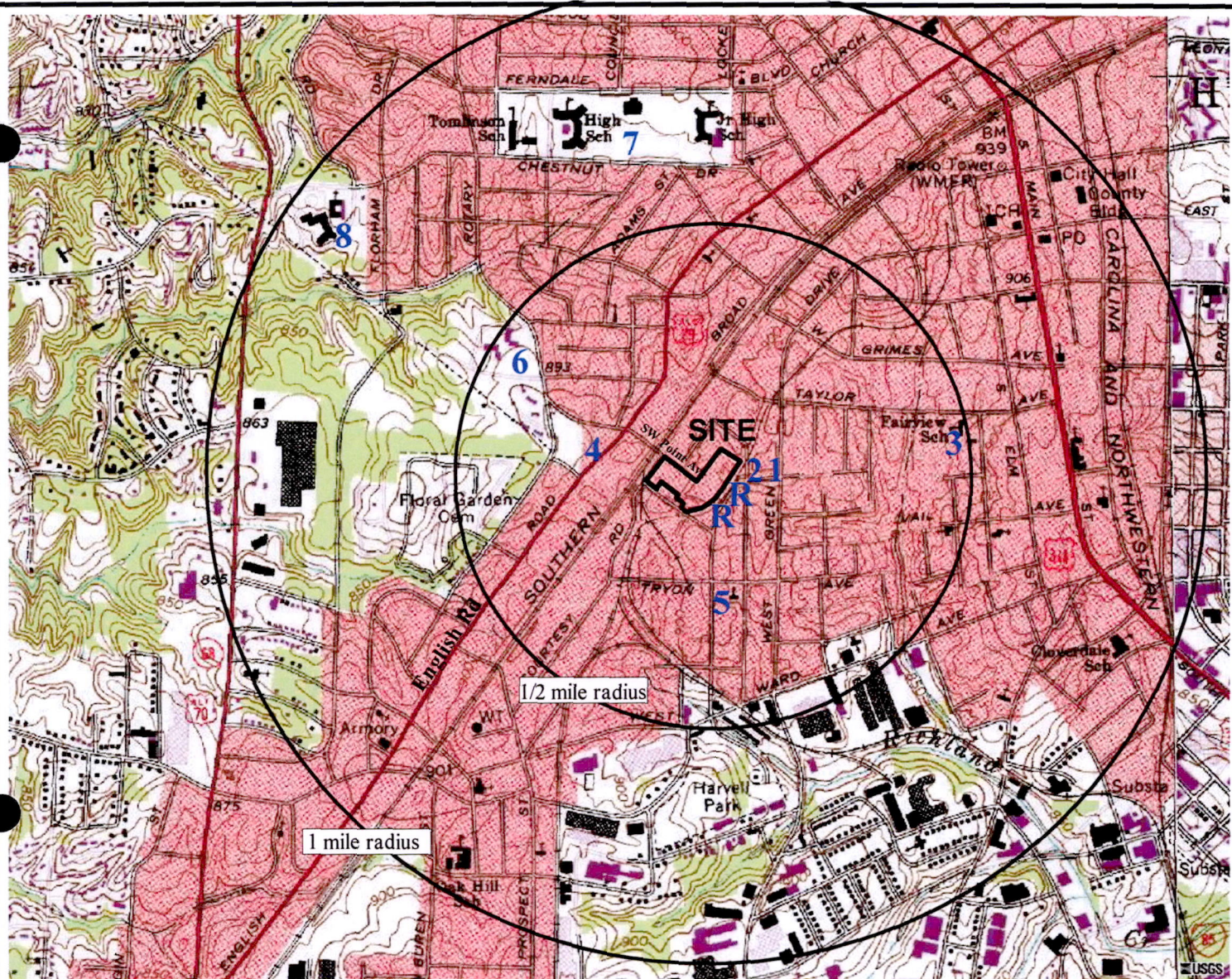
N/A - Not Applicable

NE - Not Established

Bold values are above 2L Groundwater Quality Standard

FIGURES

FIGURES



Legend

- 1 = Body of Christ Christian Church
- 2 = Calvary Church of God of Prophecy
- 3 = Southside Children's Center, Fairview Elem (Pre-K) Day Care
- 4 = High Point Family Day Care
- 5 = Agape Family Ministries
- 6 = Green Street Baptist Church
- 7 = Tomlinson School, Academy at Central, Ferndale Middle School, High Point Central High School
- 8 = Wesley Memorial Methodist Church
- R = Residences

Note: No water supply wells, springs, or surface water intakes used as sources of potable water observed or reported within 1/2 mile radius.

Scale: 1 inch = 1,700 feet

REF.: USGS High Point West NC Quadrangle Map dated 1969
photorevised 1987 from Microsoft TerraServer

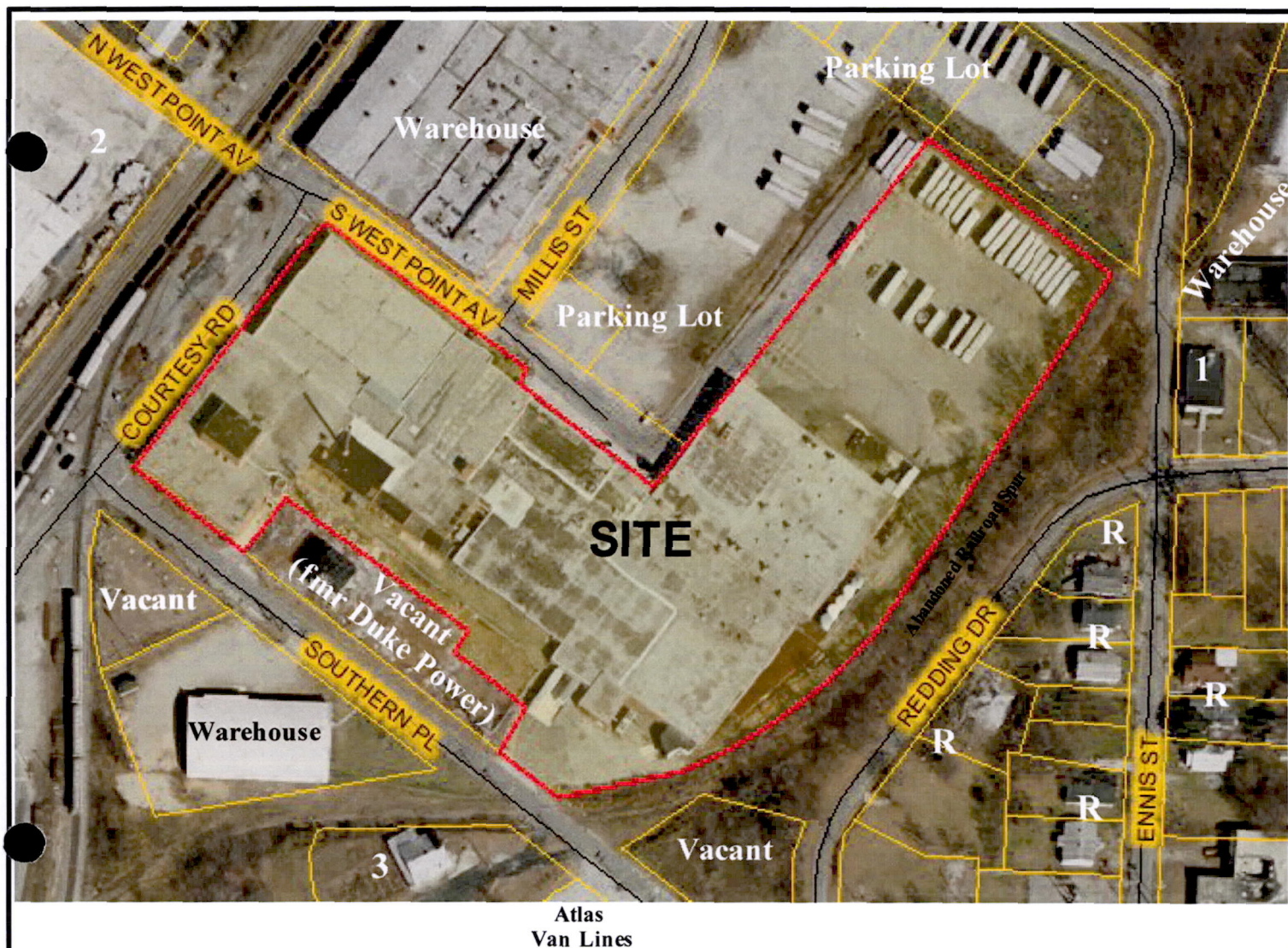


Site Location Map

Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina

July 2009

Figure 1



Legend

- 1 = Calvary Church of God of Prophecy
- 2 = Engineered Polymer Solutions, Inc.
- 3 = Vacant - Former Sicheloff Oil and Coal
- R = Residences

Scale: 1 inch = 170 feet

REF.: Guilford County NC GIS Website

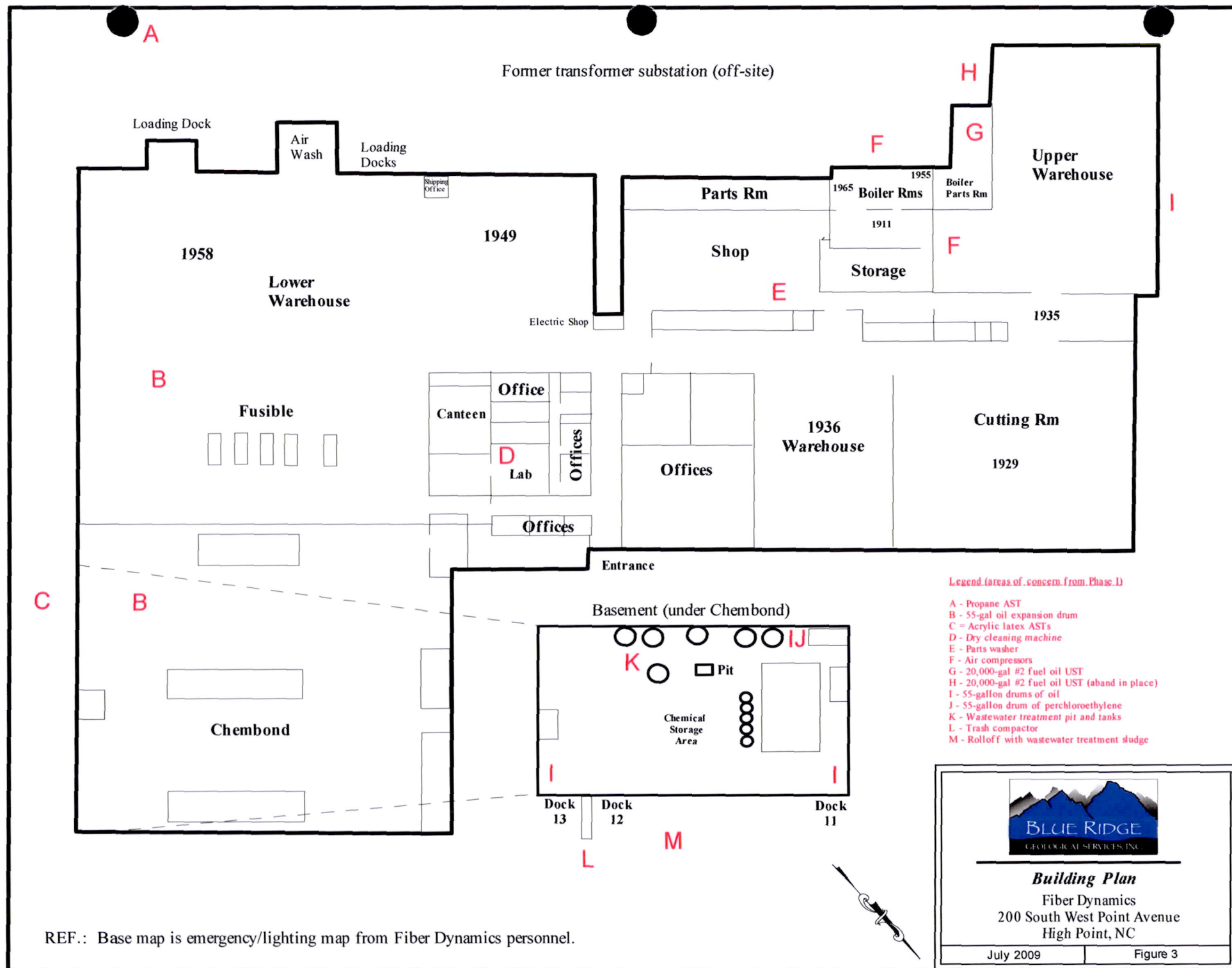


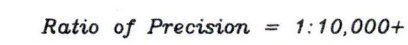
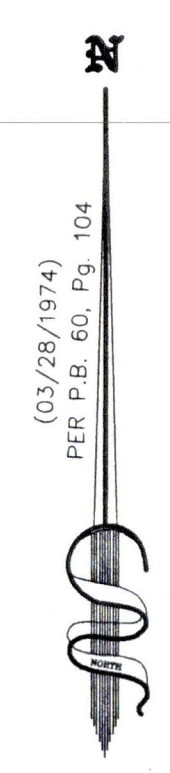
2008 Aerial Photograph

Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina

July 2009

Figure 2





A circular professional seal for Wayne T. Sims. The outer ring contains the text "NORTH CAROLINA" at the top and "WAYNE T. SIMS" at the bottom. The inner circle contains the text "PROFESSIONAL" at the top, "SEAL" in the center, and "L-3582" below it. The words "LAND SURVEYOR" are written along the bottom inner edge of the seal.

"I CERTIFY THAT ON JULY 16
2009, WE SURVEYED THE PROPERTY SHOWN ON THIS PLAT.
Wayne T. Smith P.L.S.

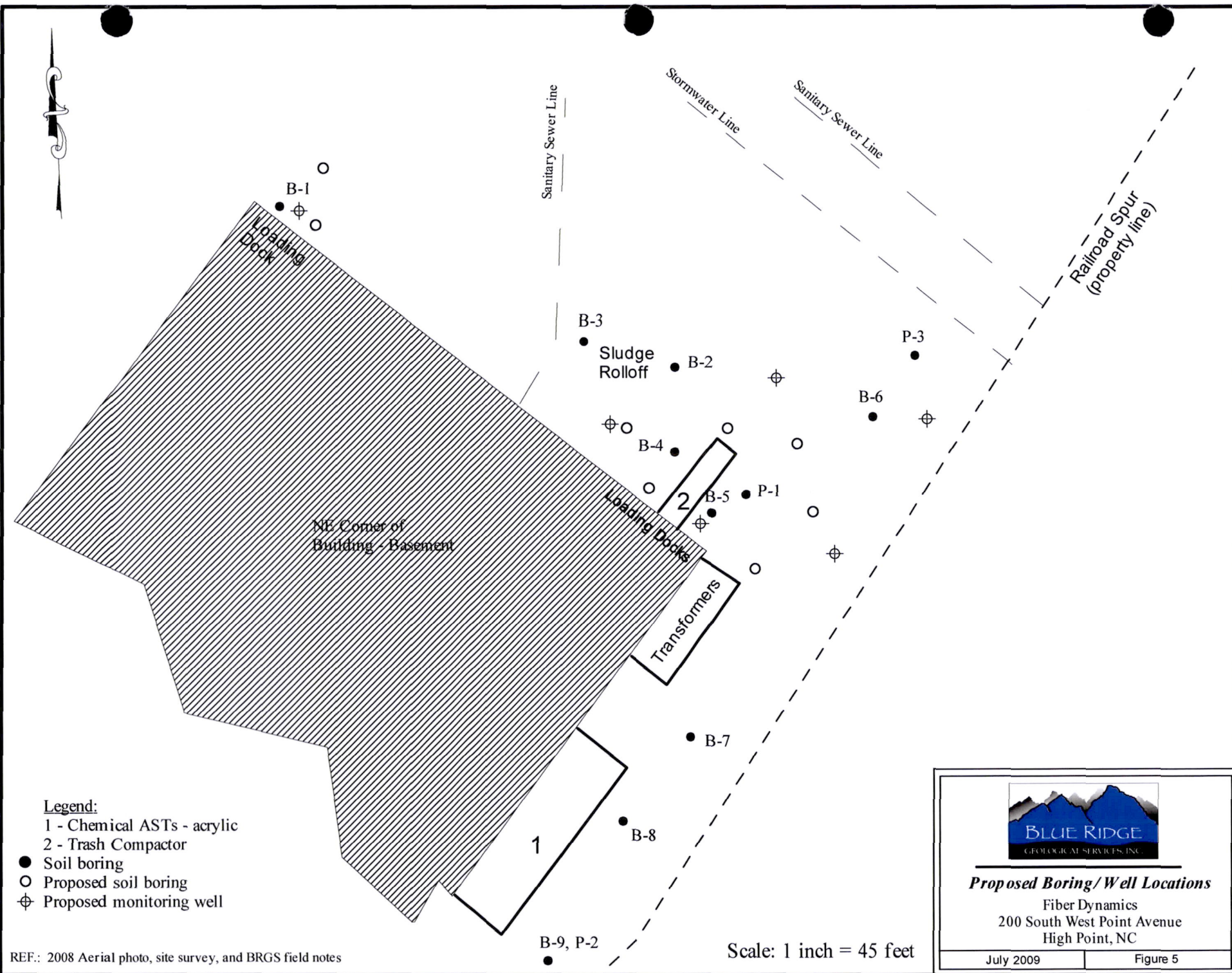
LEGEND

EIP - EXISTING IRON PIPE	P/L - PROPERTY LINE
NP - NEW IRON PIPE	R/W - RIGHT-OF-WAY
EIR - EXISTING IRON ROD	WM - WATER METER
P.C. - PARKER KING CURB	MHS - MAX HOLE SANITARY
CLF - CHAIN LINK FENCE	IN - INVERT
EP - EDGE PAVING	GI - GRATE INLET
CONC. - CONCRETE	T.B. - TEMPORARY BENCH
FH - FIRE HYDRANT	MARK - MARK
CB - CATCH BASIN	F.F. - FINISHED FLOOR
CL - CLEAN OUT	ELEVATION - ELEVATION
LP - LIGHT POLE	EL - ELEVATION
UP - UTILITY POLE	CONC. - CONC. PIPE
GP - GUY POLE	DU - DUCTILE IRON PIPE
LPG - LIQUID PROPANE GAS	CMP - CORRUGATED METAL PIPE
-OHU- - OVER HEAD UTILITY	VCP - VETRIFIED CLAY PIPE

LINE(S)

Note: This plat was prepared without the benefit of a full title search and is subject to any Easements, Agreements, or Rights-of-Way of record prior to the date of this plat, which was not visible at the time of my inspection.

THIS MAP OR DRAWING AND ANY ACCOMPANYING DOCUMENTS ARE FURNISHED TO THE PERSON(S) NAMED THEREON AND NO ALTERATIONS OR USE BY OTHERS IS PERMITTED UNLESS AUTHORIZED BY TRIAD LAND SURVEYING, P.C.



Proposed Boring/Well Locations

Fiber Dynamics
200 South West Point Avenue
High Point, NC

July 2009

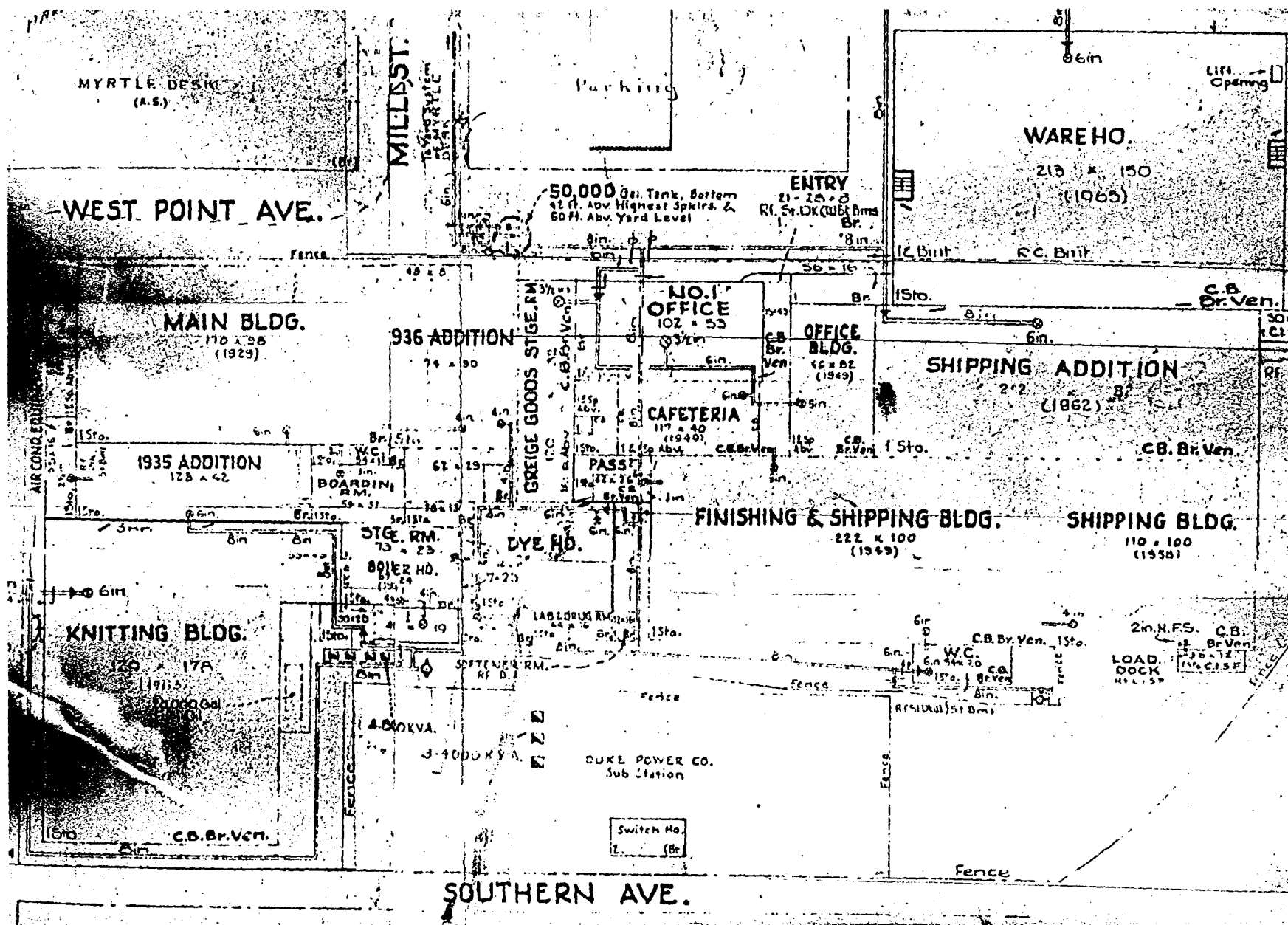
Figure 5

APPENDICES

SANBORNE MAPS
PREVIOUS
ENVIRONMENTAL
REPORTS

APPENDIX A

**SANBORN MAPS AND
PREVIOUS ENVIRONMENTAL REPORTS**



CAROLINA SPRINGS CORP.
(A.S.)

MILL ST

To Yard System
See CAROLINA
SPRINGS CORP.

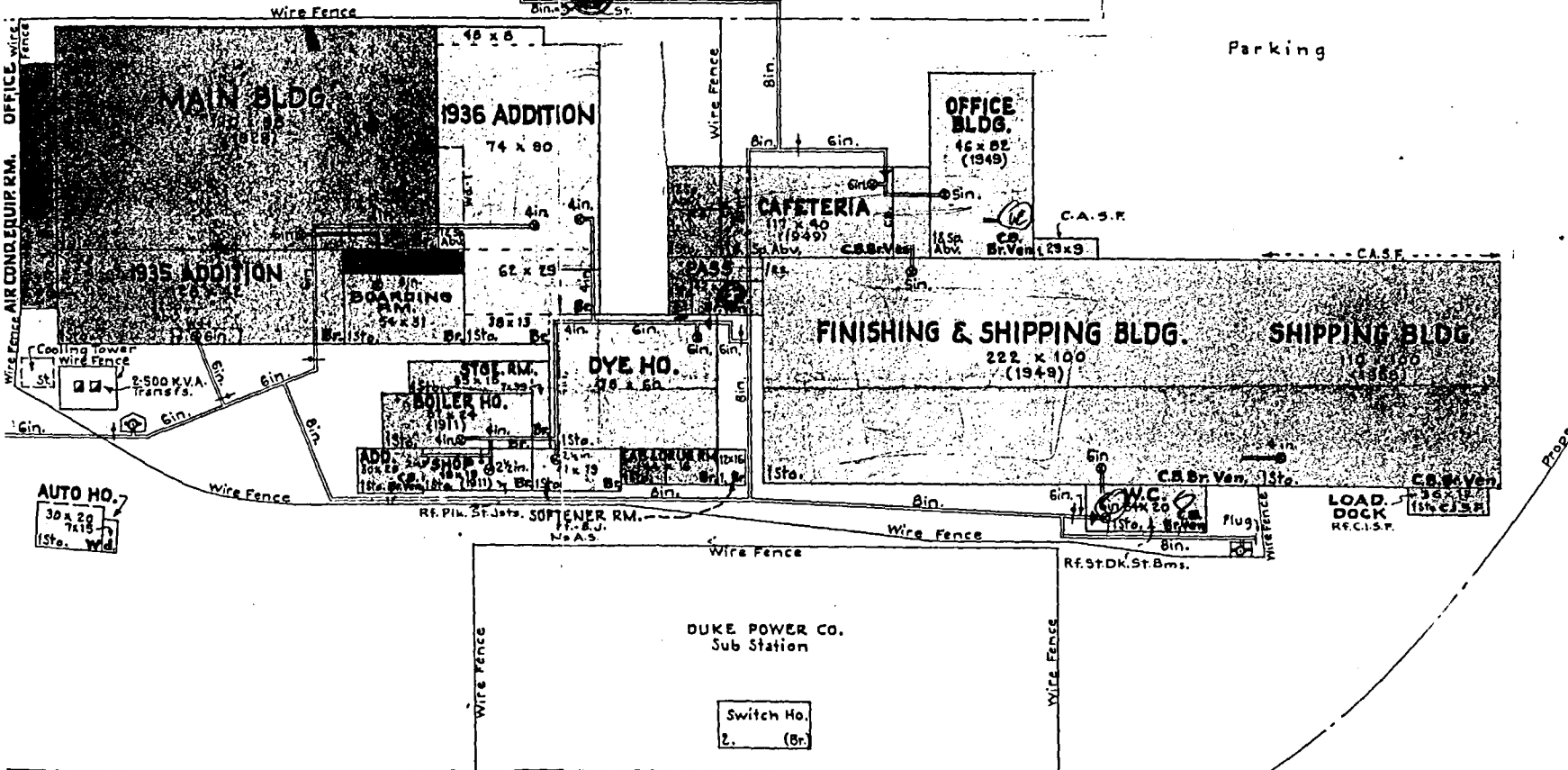
15th. Wd.
Dwgs.

Several hundred ft. beyond

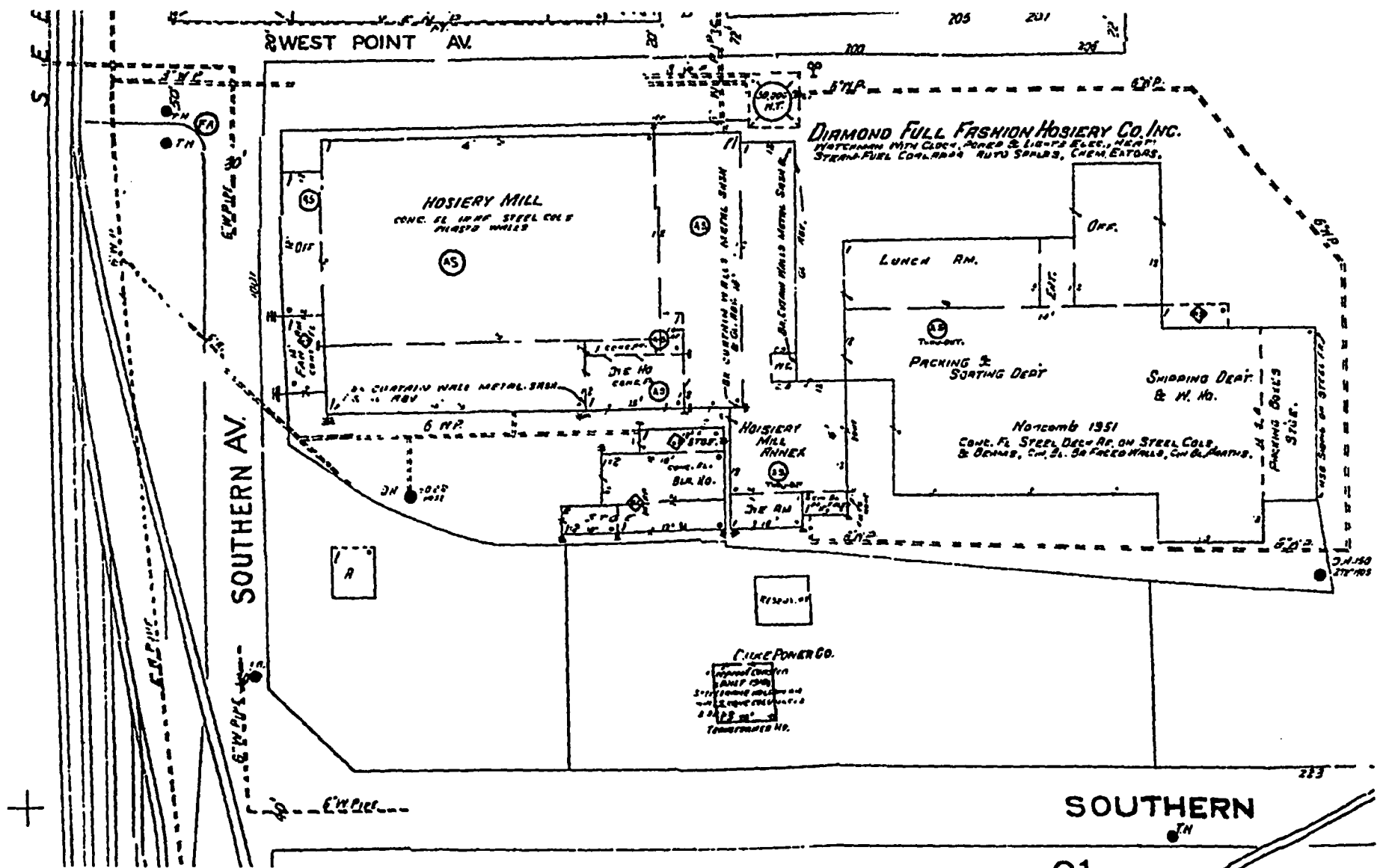
WEST POINT AVE.

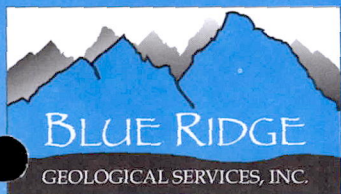
50,000 Gal. Tank, bottom
42 ft. Abv. Highest Spkirs. &
60 ft. Abv. Yard Level

Parking



SOUTHERN AVE.





^ Environmental

^ Soil and Groundwater
Assessment and Remediation

^ Geology

^ Hydrogeology

^ Phase I Due Diligence

^ Compliance Audits

^ Permitting

^ Stormwater

^ UST Closure

^ Project Management

Jeff Gerlock, L.G.

www.blueridgegeo.com

107 Oakley Court
Archdale, NC 27263

Phone/Fax: 336-431-5454

REPORT OF PHASE I ENVIRONMENTAL SITE ASSESSMENT

**Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina**

Prepared For:

**Fiber Dynamics, Inc.
High Point, North Carolina**

Prepared By:

Blue Ridge Geological Services, Inc.
Archdale, North Carolina

BR Project # 527

May 2004



April 23, 2004

Mr. Jim Heery
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina 27261

Subject: **Report of Phase I Environmental Site Assessment
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina
Blue Ridge Project #527**

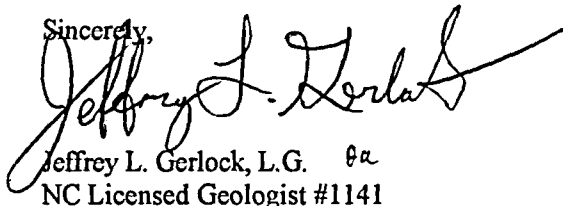
Dear Mr. Heery:

As authorized by your acceptance of our proposal dated February 4, 2004, *Blue Ridge Geological Services, Inc.* (Blue Ridge) performed a Phase I environmental assessment at the subject site. The purpose of our services, as described in the attached report, was to review the site for evidence of potential environmental contamination caused by past or present on-site or nearby off-site activities.

This report is intended only for the use of Fiber Dynamics, Inc. The contents of this report should not be relied upon by any other parties without the express written consent of Blue Ridge. Use or reliance by any other party signifies agreement to the terms and conditions of our proposal. The findings are relevant to the dates of our site work and should not be relied upon to represent site conditions on other dates.

We appreciate the opportunity to provide our environmental-related services on this project. We are available to discuss the contents of this report with you at your convenience.

Sincerely,



Jeffrey L. Gerlock, L.G. *ba*
NC Licensed Geologist #1141

Attachment

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EXECUTIVE SUMMARY

The site is an approximate 7.84-acre parcel located at 200 South West Point Avenue in High Point, North Carolina. The subject property is currently occupied by an approximate 210,000 square foot manufacturing building. The property has contained a manufacturing plant for about 75 years. The property has been owned by Fiber Dynamics since 1984 and is used to manufacture non woven fabrics for the automotive industry. A summary of on-site and off-site environmental concerns and our conclusions and recommendations is presented below.

On-Site Observations and Environmental Concerns

Two underground storage tanks (USTs) are present on the site. One 20,000-gallon UST is abandoned in place at the loading dock in the southern portion of the facility. This UST was filled with concrete slurry in 1993. No samples were taken at the base of the UST during closure activities due to water entering the area and utilities nearby. A 20,000-gallon fuel oil UST is located inside the western portion of the facility. This UST is used to fuel the backup generator for the plant. This UST was reportedly installed in 1971 and there have been no reported leaks from this UST. The tank is registered with the NCDENR.

A vent pipe was observed outside the northern wall of the plant outside the cutting room. The use of this vent pipe is unknown.

Four 7,640 gallon aboveground storage tanks (ASTs) and one 15,440 gallon AST used to store acrylic latex are located in a concrete diked containment area on the southern portion of the property. Evidence of spillage of latex was observed on the ground outside the diked area. Ten ASTs (2,800 to 4,000 gallons in capacity) used in the mixing and dyeing operation are located in the basement of the facility. ASTs containing wastewater are located in the basement of the plant. Staining and evidence of leakage was observed on the concrete floor around these ASTs.

A dry cleaning machine with a 10-gallon reservoir containing perchloroethylene (PCE) is in use in the lab at the facility. The machine is a self-contained closed system and the material is constantly reused. No leaks or etching were observed on the floor around the machine. One 55-gallon drum of perchloroethylene was observed in the basement of the facility. No evidence of leakage was observed on the concrete floor around the drum of PCE.

A parts washing station was observed in the Shop and Parts Room. No evidence of leaks of material was observed on the concrete floor beneath the parts washer. The current parts washer contains a non-hazardous chemical. Prior to 2001, the parts washer in the shop contained solvents.

Numerous containers of chemicals and petroleum products were observed inside the facility. A cylinder of Freon was observed in the basement of the plant. Small containers (one quart to five gallon) of paint, grease, compressor oil, hydraulic oil, kerosene, roofing tar, etc. were observed in the shop and other areas of the facility. Several 55 to 150-gallon expansion drums and tanks containing oil were suspended in the air in several areas of the plant. Eleven 55-gallon drums of gear oil and hydraulic oil were observed in the basement of the facility. A small pool of oil was observed around the drums. A floor drain was observed in this area. Boiler treatment chemicals were observed in the boiler rooms. Staining was observed on the concrete floor of the boiler rooms. Numerous drums and totes of chemicals (ammonia, polyethylene, alcohol, latex, dyes, surfactants, and ammonium chloride) were observed in the chemical storage area in the central portion of the basement. Several floor drains were observed in these areas. Several 55-gallon drums

of used oil were observed in the waste oil storage areas in the basement and in the loading dock in the southern portion of the plant.

Leaks were observed around many of the machines and containers of chemicals and petroleum products at the plant. Floor drains were observed near several of these leaks. The floor drains at the facility reportedly drain to the on-site sump and wastewater treatment system in the basement.

The plant operates a sump and wastewater treatment system in the basement at the facility. The sludge obtained from the treatment process is placed in a filter press and then transferred to a rolloff outside the eastern portion of the plant. Stained asphalt, concrete, and soil was observed near the rolloff containing the wastewater treatment sludge and the trash compactor along the eastern wall of the plant. Reportedly, the current trash compactor was installed several years ago following numerous leaks from the former compactor.

Suspect asbestos-containing materials (ACM) – floor tile and boiler insulation - were observed in several areas of the facility. The suspect ACM at one of the boilers appeared friable and in poor condition.

Recognized environmental conditions (RECs) identified at the site include the two 20,000-gallon fuel oil underground storage tanks, the friable suspect ACM in poor condition in one of the boilers at the facility, and the long history of industrial usage at the property.

Off-site Environmental Concerns

Several off-site facilities were identified as having USTs, leaking USTs, and hazardous substances. Based on the nature, distance, and topographic position of these facilities, they do not appear to be off-site environmental concerns which have impacted the subject site at this time. In the past, stained soil and gravel were reportedly observed at the former substation adjacent west of the site. A diesel AST apparently used to fuel equipment or vehicles was observed in the parking lot adjacent north of the subject site. No containment was observed around this AST.

Recommendations

Blue Ridge recommends the following:

- Perform a Phase II assessment (soil and/or groundwater sampling) around the 20,000-gallon UST abandoned in place at the loading dock, stained areas around the trash compactor, stained areas around the wastewater treatment sludge roll off, and the acrylic latex ASTs to determine the current soil and groundwater quality in the vicinity of these environmental concerns.
- Perform tightness testing of the 20,000 gallon fuel oil UST and underground product line in use at the site.
- Perform a survey of suspect ACM at the plant. If ACM are identified, we recommend that they be removed, repaired, or kept in place and discussed in an Operations and Maintenance (O&M) Plan for ongoing plant operations and maintenance.

In addition, soil and groundwater sampling would be necessary to determine if an undocumented release of oil or PCBs at the former substation located adjacent west and the diesel AST located in the parking lot adjacent north have impacted the soil and groundwater beneath the subject Property.

The following report summarizes the information sources utilized, the information obtained, and our conclusions and recommendations. This executive summary is for convenience only and should not be relied upon without first reading the full contents of this report, including appendix materials.

1.0 INTRODUCTION

As part of a potential real estate transaction, Fiber Dynamics, Inc. requested that Blue Ridge perform a Phase I environmental assessment at the subject site (Figures 1 and 2). The purpose of our services was to determine if "recognized environmental conditions" are present at or near the subject site. It was not the purpose of the Phase I environmental assessment to determine the actual presence, degree, or extent of contamination, if any, on the site. The Phase I assessment was performed in general accordance with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments (Designation E1527)*. ASTM E-1527 defines "recognized environmental conditions" (RECs) as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property." RECs pose a potential to adversely affect environmental conditions at a site, and RECs represent a potential financial liability to property owners, purchasers and lenders in that local, state and/or federal requirements to address the RECs may be expensive and time-consuming.

This report presents the findings of the environmental assessment recently performed at the site. The opinions included herein are based on the information obtained during the study and on our experience. This report is based on limited observations made on the dates noted and using the procedures described herein. The findings of our assessment are relevant to the dates of our site work and the publication dates of the regulatory lists reviewed. This report should not be relied upon to represent site conditions at substantially later dates.

2.0 SITE DESCRIPTION AND RECONNAISSANCE

Information regarding the site description and current status of the site was obtained by records review, interviews, and on-site observations. Mr. Jeff Gerlock, a professional experienced in conducting environmental site assessments, conducted a reconnaissance of accessible areas of the site and adjacent properties by foot and vehicle on March 11 and 23, 2004. Mr. Gerlock was accompanied by Mr. Bobby Shelton, Plant Engineer, during most of the plant tour on March 11, 2004. Aspects of the site reconnaissance included:

- observing the approximate project site boundaries and adjacent properties;
- observing the topography and general surface drainage patterns;
- noting evidence of current or past on-site management and/or disposal of potential sources of environmental contaminants; and
- documenting site features of potential environmental concern.

2.1 GENERAL PROPERTY DESCRIPTION

The site is an approximate 7.84-acre parcel located at 200 South West Point Avenue in High Point, North Carolina (Figures 1 and 2 and Photographs). The property is identified as Lot 1 Block 4 Map 30 on the Guilford County Tax Map. The subject property is occupied by an approximate 200,000 square foot manufacturing building made up of six buildings constructed between 1915 and 1965. The property has been owned by Fiber Dynamics since 1984 and is used to manufacture non woven fabrics for the automotive industry.

The subject property contains a manufacturing plant with offices, testing lab, parts room, shop, boiler rooms, warehouses, manufacturing areas, and basement with chemical storage, mixing tanks, and wastewater treatment area. The property contains landscaped areas surrounding the building and a parking lot in the northeastern portion of the property.

Raw materials, including rolls of non woven fabric, are delivered to the various loading docks (lower warehouse). Chemicals and dyes are blended and added to the fibers and run through a card machine which produces a flat sheet or web of fabric. Foam with an acrylic latex is added to the fabric (chembond area) and then the fabric is fused/heated to dry and bond the latex to the fabric (fusible area). The fabric is then

cut in various lengths in the cutting room in the northwestern portion of the plant. Finished goods are stored in the upper warehouse in the western portion of the plant.

South West Point Avenue, the Elite Furniture plant, and parking areas for Elite Furniture border the site to the north and northeast (a diesel aboveground storage tank was observed in the parking lot adjacent north of the site). A small area of woods and an abandoned railroad spur border the site to the east and south. A former Duke Power substation, Southern Place, and several commercial properties border the site to the south and west. Courtesy Road and several railroad tracks border the site to the north and northwest.

2.1.1 Storage Tanks

During our site reconnaissance, evidence of two underground storage tanks (USTs), i.e., fill ports and vent pipes, were observed on the property. One 20,000-gallon UST is abandoned in place (and not in use) at the loading dock in the western portion of the facility (Item H on Figure 3). According to information provided by Fiber Dynamics, the UST was filled with concrete slurry in 1993. No samples were taken at the base of the UST during closure activities due to water entering the tank while coring through the base of the tank and the presence of numerous utilities in the area.

A 20,000-gallon fuel oil UST is located inside the western portion of the facility (Item G on Figure 3). This UST is used to fuel the backup generator for the plant. This UST was reportedly installed in 1971 and there have been no reported leaks from this UST. The tank is registered with the State.

In addition, a vent pipe was observed outside the northern wall of the plant outside the cutting room. The use of this vent pipe is unknown.

There are numerous aboveground storage tanks (ASTs) at the facility. Four 7,640 gallon ASTs and one 15,440 gallon AST are located in a concrete diked containment area on the southern portion of the property. These ASTs are used to store acrylic latex for plant operations. Evidence of spillage of latex was observed inside and outside of the diked area. An AST used to store boiler chemicals is located in the boiler room. Ten aboveground tanks (2,800 to 4,000 gallons in capacity) used in the mixing and dyeing operation are located in the basement of the facility. Aboveground tanks containing wastewater are located in the basement of the plant. Staining and evidence of leakage was observed on the concrete floor around these ASTs.

A propane AST was observed outside near the loading docks in the southwestern portion of the property.

2.1.2 PCBs

During our site reconnaissance, several pad-mounted and pole-mounted transformers were observed outside the plant building. Electrical transformers and capacitors and hydraulic equipment are a potential source of environmental concern due to the possible presence of coolant oils that may contain polychlorinated biphenyl (PCB) compounds. The transformers were not labeled as to whether they contain PCBs. No evidence of leakage was observed on the ground beneath the transformers.

2.1.3 Solid Waste

Several 55-gallons drums containing trash were located inside the manufacturing building. A rolloff containing metal parts was observed in the southwestern portion of the site. Minor amounts of household-type trash (cans, bottles, plastic, paper), empty drums, metal parts, construction debris (asphalt, concrete), and tires were observed in the wooded area along the former railroad spur along the southern property boundary. No liquids or staining of environmental concern was noted in the vicinity of the solid waste observed on the property.

2.1.4 Hazardous Substances and Petroleum Products

Several chemicals are present in the lab at the plant. A dry cleaning machine is also located in the lab at the facility (Item D on Figure 3). The machine has a 10-gallon reservoir containing perchloroethylene (PCE). The machine is a self-contained closed system and the material is constantly reused. No leaks or etching were observed on the floor around the machine. One 55-gallon drum of perchloroethylene was observed in the basement of the facility (Item J on Figure 3). No evidence of leakage was observed on the concrete floor around the drum of PCE.

A parts washing station with a drum was observed in the Shop and Parts Room (Item E on Figure 3). No evidence of leaks of material was observed on the concrete floor beneath the parts washer. The current parts washer contains a non-hazardous chemical. Prior to 2001, the parts washer in the shop contained solvents.

Numerous containers of chemicals and petroleum products were observed inside the facility. A cylinder of Freon was observed in the basement of the plant. Small containers (one quart to five gallon) of paint, grease, compressor oil, hydraulic oil, kerosene, roofing tar, etc. were observed in the shop and other areas of the facility. Several 55 to 150-gallon expansion drums and tanks containing oil (Item B on Figure 3) were suspended in the air in several areas of the plant. These drums are used to supply oil in plant operations.

Eleven 55-gallon drums and totes of gear oil and hydraulic oil were observed in the basement of the facility (Item I on Figure 3). A small pool of oil was observed around the drums of oil. A floor drain was observed in this area. Boiler treatment chemicals were observed in the boiler rooms. Staining was observed on the concrete floor of the boiler rooms. Numerous drums and totes of chemicals (ammonia, polyethylene, alcohol, latex, dyes, surfactants, and ammonium chloride) were observed in the chemical storage area in the central portion of the basement. Several floor drains were observed in these areas. Several 55-gallon drums of used oil were observed in the waste oil storage areas in the basement (Item I on Figure 3) and in the loading dock in the southern portion of the plant.

Four compressors containing small reservoirs of oil was observed in the upper warehouse at the plant (Item F on Figure 2). Pools of oil were observed on the concrete floor around several of the compressors. No floor drains were observed in the immediate vicinity of the compressors.

No evidence of hydraulic lifts was observed in the plant buildings. An elevator is located at the facility. A reservoir of oil used in the elevator operation was observed in the basement of the facility. No evidence of leaks from this reservoir was observed at the time of our site visit.

In summary, leaks were observed around many of the machines and containers of chemicals and petroleum products at the plant. Floor drains were observed near several of these leaks. The floor drains at the facility reportedly drain to the on-site sump and wastewater treatment system in the basement.

2.1.5 Utilities, Water Supply Wells, Septic Systems

The on-site building is heated by natural gas, steam, and electric. The subject site is served by the City of High Point water and sewer system. No evidence of water supply wells or septic systems were observed on the site. No monitoring wells were observed on the property.

2.1.6 Other Environmental Concerns

The plant operates a sump and wastewater treatment system in the basement at the facility. The sludge obtained from the treatment process is placed in a filter press and then transferred to a rolloff outside the eastern portion of the plant (Item M on Figure 3) and eventually transported off-site for disposal at a sanitary landfill. The wastewater is discharged to the City of High Point sanitary sewer system under a wastewater discharge permit.

Stained asphalt, concrete, and soil was observed near the rolloff containing the wastewater treatment sludge and the trash compactor (Item L on Figure 3) along the eastern wall of the plant. Reportedly, the current trash compactor was installed several years ago following numerous leaks from the former compactor.

Suspect asbestos-containing materials (ACM) - floor tile and boiler insulation - were observed in several areas of the facility. The suspect ACM at one of the boilers appeared friable and in poor condition.

2.2 SITE GEOLOGY AND HYDROGEOLOGY

A consideration of surface and subsurface drainage and geology are of interest since they provide an indication of the direction that contamination, if present on-site or off-site, could be transported. It was not the purpose of this study to evaluate the geotechnical conditions of the site or to assess engineering/geological concerns such as foundation conditions, faulting, or subsidence. Blue Ridge personnel reviewed the following information with regard to the development of the presumed local and regional geology and hydrogeology of the site and surrounding area:

- Geologic Map of North Carolina, dated 1985, published by North Carolina Department of Natural Resources
- Soil Survey of Guilford County, North Carolina, dated 1977, published by the US Department of Agriculture Soil Conservation Service (USDA SCS)
- Topographic Map, 7.5-minute series, High Point, North Carolina Quadrangle, dated 1981, published by the US Geological Survey (USGS)

Based on a review of the geologic map of the site vicinity, the site is underlain by rocks consisting of metamorphosed gabbro and diorite of the Carolina Slate Belt Geologic Unit. The soils encountered in this area are the residual product of chemical weathering of rock presently underlying the site. The soil weathering is more advanced near the surface grading with depth to less weathered rock and finally bedrock.

The Guilford County Soil Survey indicates that soils at the site are classified as Urban Land which consists of areas where more than 75 % of the surface is covered with streets, buildings, parking lots, railroad yards and airports. The surficial natural soils in areas classified as Urban Land have been altered by cutting, filling, grading, and shaping during urbanization.

The site is located in the Piedmont Physiographic Province of North Carolina (Piedmont) which consists of low rounded hills and long rolling northeast to southwest trending ridges with incised creek channels. Topographically, the site lies along the eastern flank of a northeast-southwest trending ridge at an approximate elevation of 900 feet above mean sea level (MSL). Surface drainage patterns within the Piedmont typically indicate the direction contaminants would be transported by surface water or groundwater. Based on our interpretation of the topographic map and on-site observations, surface water at the site is expected to flow to the east towards an unnamed tributary of Richland Creek. The surface drainage from the site and adjacent properties could be influenced by cultural features, such as buildings, paved areas, curbs, gutters, and storm drain systems.

The direction and movement of groundwater through soil is dependent on soil type and the presence of relict structures and textures of the underlying rock. Fractures, faults, folds, and foliation planes affect the migration of groundwater in rock. According to the geologic map reviewed, no major geologic features (faults, etc.) are present on or near the site, therefore, it is reasonable to assume that the direction of near-surface groundwater flow under static conditions (no pumping interference) approximates the surface topography of the site.

Groundwater recharge within the Piedmont region generally occurs on upland areas. The residual soils and weathered rock (saprolite) act as an infiltration medium and reservoir for water to seep into the fractures and joints of the underlying rock. Discharge from the system occurs at surface water features such as streams and lakes or at the base of slopes. In the Piedmont, the depth to groundwater is variable, but is typically

encountered within 40 feet of the ground surface. Groundwater in the surficial aquifer in the site vicinity would be expected to flow to the east (Figure 1).

The term “upgradient” refers to a location hydraulically upstream from the subject site. Contaminants on an upgradient site could potentially impact the site if they were released on or beneath the ground surface and subsequently contaminate the groundwater. Properties to the west of the subject site are located upgradient of the subject site. Conversely, a “downgradient site” relative the subject site is not considered a potential contamination source because a contaminant release affecting groundwater would be traveling away from the site.

3.0 RECORDS REVIEW

Blue Ridge contracted with Environmental Data Resources, Inc. (EDR) to assemble a summary of sites listed on Federal and State records in the site vicinity. A portion of this report is presented in the Appendix.

The EDR report and other sources of information were reviewed to evaluate the sites and surrounding area for contaminated sites and/or potential sources of environmental contamination that could impact the subject site. Please note that regulatory listings include only those sites that are known to the regulatory agencies at the time of publication to be 1) contaminated, 2) in the process of evaluation for potential contamination, or 3) regulated. A summary of the information presented in the EDR report and the historical record review of the site and surrounding properties is presented below. In addition, a summary of the historical uses of the site and adjoining properties is presented in Section 3.9 below.

3.1 US EPA NATIONAL PRIORITIES LIST (NPL)

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) established a National Priority List (NPL) of federal "Superfund" sites. These are sites of documented contamination that have been assigned a high ranking, in terms of potential public health effects, by the Environmental Protection Agency (EPA).

- The subject property does not appear on the NPL.
- No properties within a one-mile search distance of the site were identified on the NPL.

3.2 US EPA CERCLIS LIST

The CERCLIS List is a compilation of sites of suspected contamination that are currently being investigated or have been assessed by the EPA for releases or threatened releases of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act of 1980.

- A review of the CERCLIS list did not identify the subject site as a listed facility.
- There are no properties within a one-half mile search distance of the site identified on the Federal or State CERCLIS list. One property was listed on the CERC-NFRAP (no further remedial action) list within one quarter of a mile from the site. This site is not located directly adjacent or directly upgradient of the subject property.

3.3 US EPA RCRA HAZARDOUS WASTE FACILITIES

The Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Notifiers List is called "RCRIS" and is a database of facilities that generate, transport, treat, store, or dispose of hazardous waste.

- The subject site is not listed on the RCRA notifiers list.
- The subject site, Sommeres / Fiber Dynamics Inc, is listed as a small quantity generator (SQG) of hazardous waste. No RCRA violations were reported for the subject site on the EDR report. Several other facilities in the area are listed as SQG and large quantity generators of hazardous waste.
- No treaters, storers, or disposers (TSD) of hazardous waste were identified within one mile of the site.

3.4 REGISTERED UNDERGROUND STORAGE TANKS (UST) DATABASE

The North Carolina Department of Environment and Natural Resources (NCDENR) Underground Storage Tank (UST) Database was reviewed to identify registered USTs located at adjacent properties and at the subject site. This list does not include residential or some non-residential heating oil USTs since they are not required to be registered with the State of North Carolina.

- The subject site was identified on the NCDENR UST Database. According to the EDR report, two 20,000 gallon fuel oil USTs were installed at the site in March 1971. One of the tanks was reportedly closed in June 1993. The other tank is in use and is registered with the NCDENR.
- According to the EDR report, there are 10 facilities within 0.25 miles of the subject site that were identified as having current or former registered USTs located on their property.

3.5 NCDENR POLLUTION INCIDENTS LIST

The NCDENR Pollution Incidents List identifies sites of known or suspected contaminant releases. Most of the sites identified on the list are associated with leaking underground storage tanks (LUSTs).

- The subject site appears on the NCDENR Pollution Incident List as Report #3785. No incident number was assigned to the site. Blue Ridge reviewed the incident file at the Guilford County Department of Public Health (GCDPH) office. According to the file, one 20,000 gallon UST was abandoned in place on the property on June 29, 2003. Water was encountered while trying to collect soil samples through the bottom of the UST and electrical lines were located in the area, therefore, no soil

samples were collected in the tank vicinity during tank closure. The water was pumped out of the UST and the UST was filled with a concrete slurry. The State is not currently requiring further assessment in association with this UST.

- Twenty-nine pollution incident sites were identified on the EDR report within one-half mile of the subject site.

In the Piedmont, contaminants may be transported away from the source of release through the movement of groundwater. None of these 29 incidents are located directly upgradient of the subject site, except for the former Hayworth-Myrtle Desk Company facility at 801 Mills Street. Blue Ridge reviewed the file for the incident at 801 Mills Street at the GCDPH office. According to the reports reviewed and the GCDPH personnel, soil and groundwater assessment and remediation has been performed, the contamination at the 801 Mills Street site has not migrated off-site, and the GCDPH and the NCDENR are in the process of closing the incident file for this site. Based on the nature, distance and topographic position of the releases at surrounding facilities relative to the subject site, these incidents do not appear to be a source of contamination for the subject property.

3.6 EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS)

The Emergency Response Notification System (ERNS) record did not identify the subject site as a location of reported releases of oil or hazardous substances.

3.7 STATE LANDFILL LIST

Lists of active and inactive landfills, artificial fills, and disposal sites are maintained by the State of North Carolina. The landfill listing also includes known unpermitted landfills or dumps.

- The site does not appear on the landfill list.
- There are no properties listed on the landfill list within a one-half mile radius from the site.

3.8 OTHER LISTS

Several facilities in the area were listed on the State hazardous waste list and/or as State Hazardous Substance Disposal Sites (HSDS). None of these facilities are located adjacent or directly upgradient of the subject site.

3.9 HISTORICAL USES OF SITE AND ADJOINING PROPERTIES

A chain-of-ownership was not furnished for our review. A determination of historical usage of the site was based on our review of available tax records, city directories, Sanborne fire insurance maps, aerial photographs, historical plant site plans and maps, and interviews.

The subject site is listed as Lot 1 of Block 4 of Sheet No. 30 on the Guilford County Tax Map. A copy of the tax map illustrating the location of the subject site is included on Figure 2. According to information available at the Guilford County Tax Department, the property ownership has been as follows:

- 1985 to Present – Fiber Dynamics
- 1975 to 1985 – J. P. Stevens & Company
- 1968 to 1975 – Joseph Bancroft & Sons Company.
- 1964 to 1968 – Anton Corp
- 1952 to 1964 – Diamond Hosiery Corp.
- Prior to 1952 – Diamond Full Fashioned Hosiery Company

We reviewed the tax cards for the subject property at the Guilford County Tax Department. The subject property contains six buildings totaling approximately 200,000 square feet. According to the tax cards, the buildings were constructed in 1915, 1935, 1948, 1950, and 1965 and are heated by natural gas and steam.

We reviewed city directories available for the site vicinity at the High Point Public Library. The subject property was listed as follows in the city directories:

2002 to 2003	Sommers and Fiber Dynamic – 200 SW Point Avenue
1984 to 2002	Fiber Dynamics – West Point Avenue South
1976 to 1984	J. P. Stevens & Co. Inc. – West Point Avenue
1974 to 1975	No listing – vacant – 208 SW Point Avenue
1965 to 1973	Indian Head Hosiery Co. – 208 West Point Avenue South
1953 to 1965	Diamond Mills Corp – 208 SW Point Avenue
1929 to 1950	Diamond Full Fashioned Hosiery Co. – 1001 Southern Avenue
Prior to 1929	Company and address Not Listed

The Duke Power substation was identified adjacent west of the subject site as early as 1950 in the city directories reviewed.

We reviewed available Sanborne fire insurance maps for the subject property at the High Point Public Library. No USTs or environmental concerns were identified on the Sanborne map reviewed during this study (dated 1929 revised 1935).

We reviewed several aerial photographs (1958, 1982, 1988, 1994, and 1998) available for the site vicinity at the High Point Planning Department. The 1994 and 1998 aerial photograph (Figure 2) showed the site essentially as observed during our site visit. The 1988 aerial photograph showed additional office space attached to the building along Courtesy Road (these offices have been demolished). The 1982 aerial photograph was similar to the 1988 photograph. The 1958 aerial photograph (Figure 4) showed a smaller manufacturing building on the subject site (the additional space to the northwest and northeast were not attached to the building at that time and the current parking lot in the northeastern corner of the property was a grassy lot).

Blue Ridge personnel reviewed various historical site plans/maps for the facility. The plans/maps showed a 20,000 gallon UST at the site, large transformers in the northwestern and western portion of the plant in the past, a dye room, a lab and drug room, and an auto house or garage in the northwestern portion of the property in the past.

4.0 INTERVIEWS

Blue Ridge personnel conducted interviews with plant personnel including Mr. Jim Heery, President of Fiber Dynamics, Mr. John Terry, Plant Manager, and Mr. Bobby Shelton, Plant Engineer. According to plant and High Point Fire Department personnel, minor leaks have occurred around the latex ASTs and about 20 years ago the fire department responded to a spill and cleanup of latex which migrated to a nearby creek. According to John Terry, the former substation located adjacent west of the site had staining on the ground surface until several years ago when new gravel was placed on the lot. Mr. Terry stated that plant personnel perform manual gauging on the fuel oil UST in use at the site and their records have not indicated a leak from this UST.

Local government officials were contacted to determine if they had knowledge of environmental concerns in the site vicinity. The officials contacted were not aware of any environmental incidents at the subject property or in the immediate site vicinity which would impact the subject site.

5.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

This section presents a summary of the findings of our environmental assessment, a brief description of the environmental concerns identified at the subject site and off-site properties, our opinion regarding these concerns, and our conclusions and recommendations for additional work, if any.

5.1 ON-SITE CONCERNS AND RECOGNIZED ENVIRONMENTAL CONDITIONS

One 20,000-gallon UST is abandoned in place at the loading dock in the southern portion of the facility. This UST was filled with concrete slurry in 1993. No samples were taken at the base of the UST during closure activities due to water entering the area and utilities nearby. A 20,000-gallon fuel oil UST is located inside the western portion of the facility. This UST is used to fuel the backup generator for the plant. This UST was reportedly installed in 1971 and there have been no reported leaks from this UST. The tank is registered with the NCDENR.

A vent pipe was observed outside the northern wall of the plant outside the cutting room. The use of this vent pipe is unknown.

Four 7,640 gallon ASTs and one 15,440 gallon AST used to store acrylic latex are located in a concrete diked containment area on the southern portion of the property. Evidence of spillage of latex was observed outside the diked area. Ten ASTs (2,800 to 4,000 gallons in capacity) used in the mixing and dyeing operation are located in the basement of the facility. ASTs containing wastewater are located in the basement of the plant. Staining and evidence of leakage was observed on the concrete floor around these ASTs.

A dry cleaning machine with a 10-gallon reservoir containing PCE is in use in the lab at the facility. The machine is a self-contained closed system and the material is constantly reused. No leaks or etching were observed on the floor around the machine. One 55-gallon drum of PCE was observed in the basement of the facility. No evidence of leakage was observed on the concrete floor around the drum of PCE.

A parts washing station was observed in the Shop and Parts Room. No evidence of leaks of material was observed on the concrete floor beneath the parts washer. The current parts washer contains a non-hazardous chemical. Prior to 2001, the parts washer in the shop contained solvents.

Numerous containers of chemicals and petroleum products were observed inside the facility. A cylinder of Freon was observed in the basement of the plant. Small containers (one quart to five gallon) of paint, grease, compressor oil, hydraulic oil, kerosene, roofing tar, etc. were observed in the shop and other areas of the facility. Several 55 to 150-gallon expansion drums and tanks containing oil were suspended in the air in several areas of the plant. Eleven 55-gallon drums of gear oil and hydraulic oil were observed in the basement of the facility. A small pool of oil was observed around the drums of oil. A floor drain was observed in this area. Boiler treatment chemicals were observed in the boiler rooms. Staining was observed on the concrete floor of the boiler rooms. Numerous drums and totes of chemicals (ammonia, polyethylene, alcohol, latex, dyes, surfactants, and ammonium chloride) were observed in the chemical storage area in the central portion of the basement. Several floor drains were observed in these areas. Several 55-gallon drums of used oil were observed in the waste oil storage areas in the basement and in the loading dock in the southern portion of the plant.

In summary, leaks were observed around many of the machines and containers of chemicals and petroleum products at the plant. Floor drains were observed near several of these leaks. The floor drains at the facility reportedly drain to the on-site sump and wastewater treatment system in the basement.

The plant operates a sump and wastewater treatment system in the basement at the facility. The sludge obtained from the treatment process is placed in a filter press and then transferred to a rolloff outside the eastern portion of the plant. Stained asphalt, concrete, and soil was observed near the rolloff containing the wastewater treatment sludge and the trash compactor along the eastern wall of the plant. Reportedly, the current trash compactor was installed several years ago following numerous leaks from the former compactor.

Suspect asbestos-containing materials (ACM) – floor tile and boiler insulation - were observed in several areas of the facility. The suspect ACM at one of the boilers appeared friable and in poor condition.

Recognized environmental conditions (RECs) identified at the site include the two 20,000-gallon fuel oil underground storage tanks, the friable suspect ACM in poor condition in one of the boilers at the facility, and the long history of industrial usage at the property.

5.2 OFF-SITE CONCERNS

Several off-site facilities were identified as having USTs, leaking USTs, and hazardous substances. Based on the nature, distance, and topographic position of these facilities, they do not appear to be off-site environmental concerns which have impacted the subject site at this time. In the past, stained soil and gravel were reportedly observed at the former substation adjacent west of the site. A diesel AST apparently used to fuel equipment or vehicles was observed in the parking lot adjacent north of the subject site. No containment was observed around this AST.

5.3 RECOMMENDATIONS

Blue Ridge recommends the following:

- Perform a Phase II assessment (soil and/or groundwater sampling) around the 20,000-gallon UST abandoned in place at the loading dock, stained areas around the trash compactor, stained areas around the wastewater treatment sludge roll off, and the acrylic latex ASTs to determine the current soil and groundwater quality in the vicinity of these environmental concerns.
- Perform tightness testing of the 20,000 gallon fuel oil UST and underground product line in use at the site.
- Perform a survey of suspect ACM at the plant. If ACM are identified, we recommend that they be removed, repaired, or kept in place and discussed in an Operations and Maintenance (O&M) Plan for ongoing plant operations and maintenance.

In addition, soil and groundwater sampling would be necessary to determine if an undocumented release of oil or PCBs at the former substation located adjacent west and the diesel AST located in the parking lot adjacent north have impacted the soil and groundwater beneath the subject Property.

FIGURES

35°57'00" N

35°57'00" N



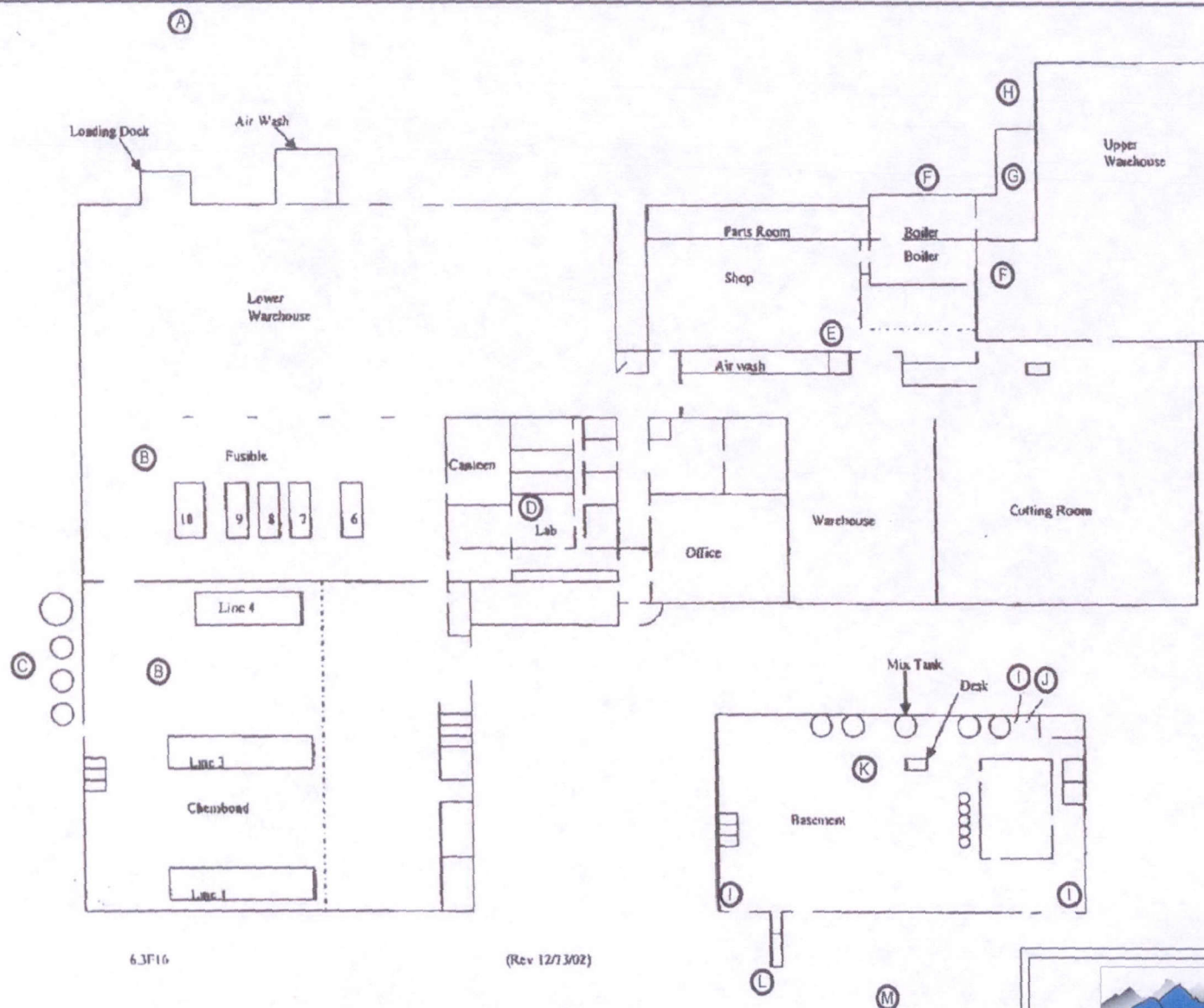
Scale: 1 inch = 1,000 feet
 Ref: Highpoint, NC USGS Quadrangle Map 1981.



Site Location Map
 Fiber Dynamics
 200 South West Point Avenue
 High Point, North Carolina

Project No. 527 | Figure 1

© HP West 1969 pr 1987



6JF16

(Rev 12/73/02)

LEGEND

A = Propane AST
 B = 55-gal Oil Expansion Drums
 C = Acrylic Latex ASTs
 D = Dry Cleaning Machine
 E = Parts Washer/Degreasing Station
 F = Compressors
 G = 20,000-gal #2 Fuel Oil UST

H = 20,000-gal Fuel Oil UST (abandoned)
 I = 55-gal Drums of Oil
 J = 55-gal Drums of Perchloroethylene
 K = Wastewater Treatment Pit and Tanks
 L = Trash Compactor
 M = Rolloff w/Wastewater Sludge

Scale: NTS

Ref: Building plans provided by Fiber Dynamics.

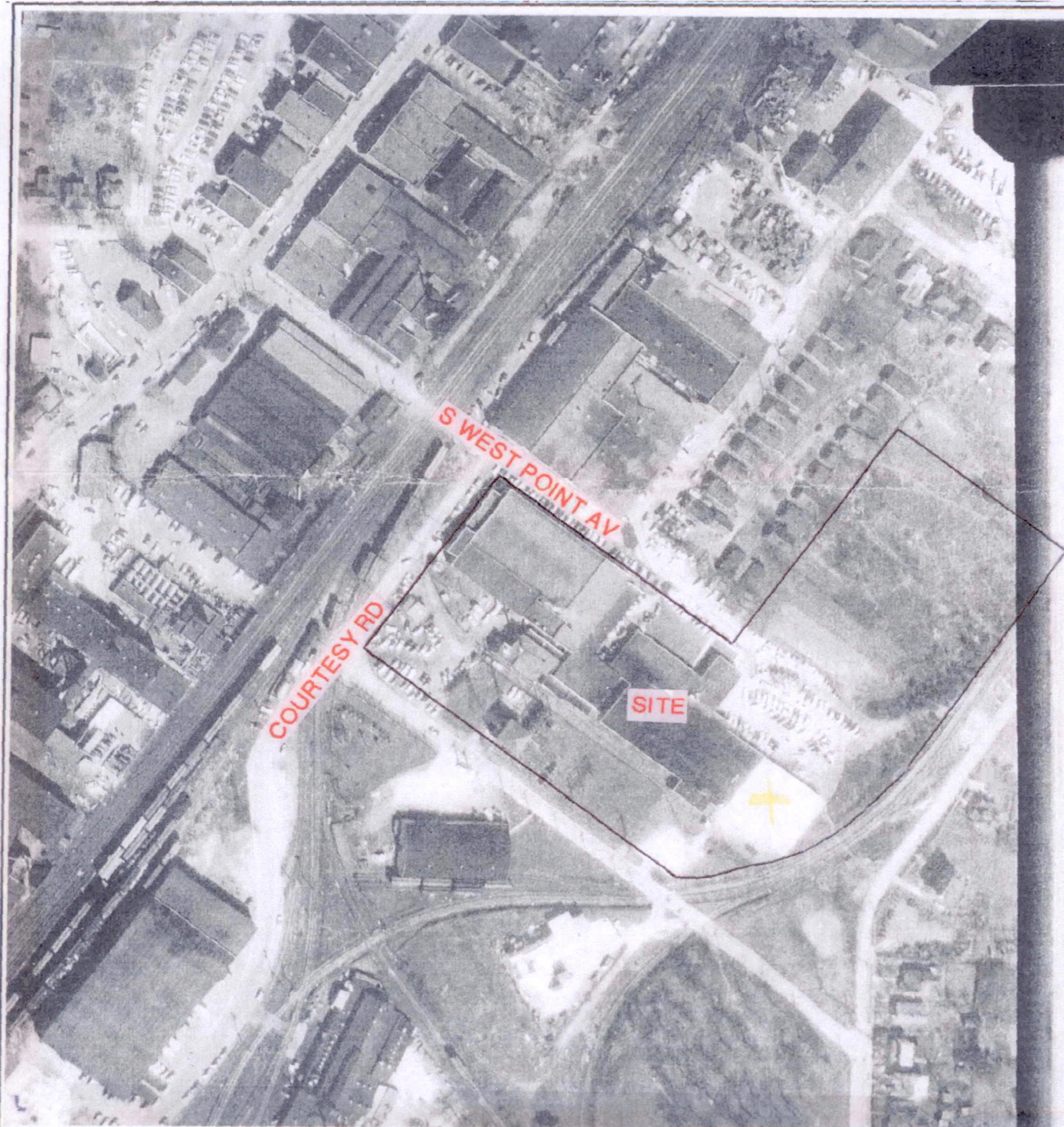


Building Plan
 Fiber Dynamics

200 South West Point Avenue
 High Point, North Carolina

Project No. 527

Figure 3



Scale: 1 inch = 200 feet
Ref: City of High Point Planning Department.



1958 Aerial Photograph
Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina

Project No. 527

Figure 4

PHOTOGRAPHS



Photos 1 and 2: View of outside of Fiber Dynamics plant.



Photo 3: Drums of oil used in plant operation.

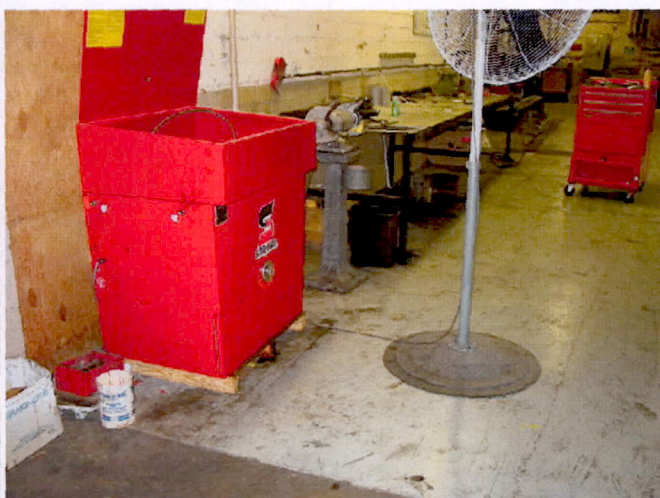


Photo 4: Degreasing station in shop.



Photos 5 and 6: Minor oil spills on concrete floor inside plant.



Photos 7 and 8: Abandoned boiler, boiler chemicals, and minor leak of chemicals in boiler room.



Photo 9: Sump used in wastewater treatment operation.

Photo 10: Drums of oil and perchloroethylene in basement.



Photos 11 and 12: Stained concrete around trash compactor and rolloff containing wastewater treatment sludge.



Photo 13: Aboveground storage tanks in diked area.



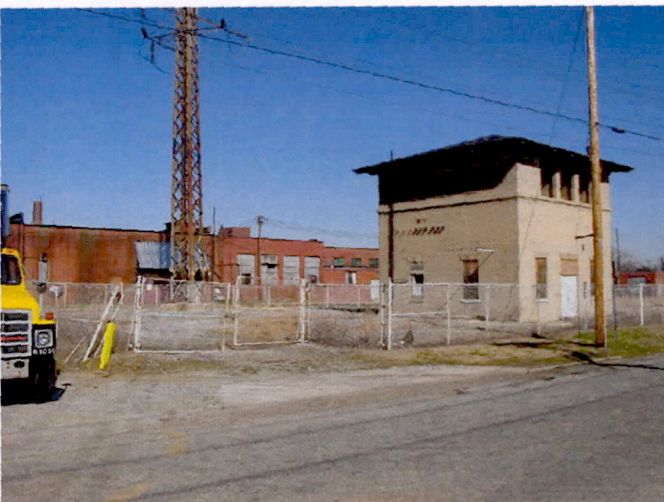
Photo 14: Vent pipe on northwest side of plant.



Photo 15: Diesel UST beneath plant floor.



Photo 16: UST abandoned in place at loading dock.



Photos 17: Former substation adjacent to plant.



Photo 18: Diesel AST in parking lot north of plant property.

APPENDIX

The EDR Transaction Screen™ Map Report

Fiber Dynamics
200 South West Point Avenue
High Point, NC 27260

Inquiry Number: 01153979.1r

March 19, 2004



EDR™ Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

The EDR-Transaction Screen Map Report is a screening tool which maps sites with potential liability or existing environmental liabilities. Specified government databases are searched in accordance with ASTM Standard E 1528-00.

The ASTM E 1528-00 Transaction Screen property due diligence standard consists of four major components: a government records check, an historical inquiry, an owner/occupant questionnaire, and a site survey. This report contains the results of the government records search on the target property and surrounding area in accordance with the government records search requirements of the ASTM E 1528-00 standard.

The results of the government records search in accordance with QUESTIONS 21 and 22 (page 15, E 1528-00) of the standard indicated the following:

QUESTION 21

Do any of the following Federal government record systems list the property or any property within the circumference of the area noted below:

National Priorities List (NPL)	<input type="checkbox"/> on the property	<input type="checkbox"/> Within 1 Mile
CERCLIS List	<input type="checkbox"/> on the property	<input type="checkbox"/> Within 1/2 Mile
CERCLIS NFRAP List	<input type="checkbox"/> on the property	<input checked="" type="checkbox"/> Within 1/4 Mile
RCRA-CORRACTS Facilities	<input type="checkbox"/> on the property	<input type="checkbox"/> Within 1 Mile
RCRA-TSD Non-CORRACTS Facilities	<input type="checkbox"/> on the property	<input type="checkbox"/> Within 1/2 Mile
RCRA LQG Facilities	<input type="checkbox"/> on the property	<input checked="" type="checkbox"/> Within 1/4 Mile
RCRA SQG Facilities	<input checked="" type="checkbox"/> on the property	<input checked="" type="checkbox"/> Within 1/4 Mile
ERNS	<input type="checkbox"/> on the property	

QUESTION 22

Do any of the following state government record systems list the property or any property within the circumference of the area noted below:

State equivalent to NPL	<input type="checkbox"/> on the property	<input checked="" type="checkbox"/> Within 1 Mile
State equivalent to CERCLIS	<input type="checkbox"/> on the property	<input type="checkbox"/> Within 1/2 Mile
Solid Waste/Landfill Facilities (SWFLS)	<input type="checkbox"/> on the property	<input type="checkbox"/> Within 1/2 Mile
Leaking Underground Storage Tank List (LUST)	<input checked="" type="checkbox"/> on the property	<input checked="" type="checkbox"/> Within 1/2 Mile
Underground Storage Tank List (UST)	<input checked="" type="checkbox"/> on the property	<input checked="" type="checkbox"/> Within 1/4 Mile

In accordance with Section 5.6 (page 10, E 1528) if the answer is (yes) or unknown, then the user will have to decide what further action, if any, is appropriate. Answers should be evaluated in light of the other information obtained in the transaction screen process. If the user decides no further inquiry is warranted, the rationale must be documented. If the user decides that further inquiry is warranted, it may be necessary to contact an environmental professional.

Additional Research - ASTM Supplemental Government Databases

To provide additional information which may assist in the assessment of other components of the ASTM E 1528-00 Transaction Screen, EDR also searches government databases not included in Questions 21 and 22 of ASTM E 1528-00. This information may be useful in completing the owner/occupant questionnaire.

The results of the search of these additional government records indicated affirmative (yes) responses on the target property for the following government databases:

No affirmative responses found in the non-ASTM E 1528-00 government databases.

TC01153979.1r EXECUTIVE SUMMARY 1

OVERVIEW MAP - 01153979.1r - Blue Ridge Geological Svcs, Inc



Target Property

▲ Sites at elevations higher than or equal to the target property
● Sites at elevations lower than the target property

▲ Coal Gasification Sites

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

▲ Oil & Gas pipelines
■ 100-year flood zone
■ 500-year flood zone
■ Federal Wetlands

■ Hazardous Substance Disposal Sites

TARGET PROPERTY: Fiber Dynamics
ADDRESS: 200 South West Point Avenue
CITY/STATE/ZIP: High Point NC 27260
LAT/LONG: 35.9485 / 80.0176

CUSTOMER: Blue Ridge Geological Svcs, Inc
CONTACT: Jeff Gerlock
INQUIRY #: 01153979.1r
DATE: March 19, 2004 12:48 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
RCRIS Sm. Quan. Gen.	X	0.250	0	3	NR	NR	NR	3
ERNS		TP	NR	NR	NR	NR	NR	0

STATE ASTM STANDARD

State Haz. Waste		1.000	0	1	2	1	NR	4
State Landfill		0.500	0	0	0	NR	NR	0
LUST	X	0.500	1	10	18	NR	NR	29
UST	X	0.250	0	10	NR	NR	NR	10
OLI		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

FEDERAL ASTM SUPPLEMENTAL

Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0

STATE OR LOCAL ASTM SUPPLEMENTAL

NC HSDS		1.000	1	0	1	3	NR	5
AST		TP	NR	NR	NR	NR	NR	0
LUST TRUST		0.500	0	2	3	NR	NR	5
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
IMD		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Brownfields		0.500	0	0	0	NR	NR	0
INST CONTROL		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1 SOMMERES INCORPORATED FIBER DYNAMICS INCORPORATED RCRIS-SQG 1000430134
Target 200 SOUTH WEST POINT AVENUE FINDS NCD071574214
Property HIGH POINT, NC 27261

Site 1 of 2 in cluster A

Actual:
913 ft. RCRIS:
Owner: J P STEVENS & CO INC
EPA ID: NCD071574214
Contact: HARRT KALPAGIAN
(910) 888-7111

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS/AIRS Facility Subsystem (AIRS/AFS)
National Emissions Inventory (NEI)
National Emissions Trends (NET)
National Toxics Inventory (NTI)
Resource Conservation and Recovery Act Information system (RCRAINFO)

A2 FIBER DYNAMICS INC LUST U003134772
Target 200 SOUTH WEST POINT AVENUE UST N/A
Property HIGH POINT, NC 27261

Site 2 of 2 in cluster A

Actual:
913 ft. LUST:
Incident Number: 0
Date Occurred: Not reported
Incident Description: Not reported
Owner: Not reported
Ownership: Not reported
Site Priority: Not reported
Wells Affected: Not reported
7.5 Min Quad: Not reported
Lat/Long: Not reported
Release Code: Not reported
Facility ID: Not reported
Samples Include: Not reported
Operation: Not reported
UST Number: Not reported
Regional Officer Project Mgr: Not reported
Region: Not reported
Responsible Party: Not reported
RP Address: Not reported
RP County: Not reported
Date Reported: Not reported
Comm / Non-comm UST Site: Not reported
Tank Regulated Status: Not reported
NORR Issued Date: Not reported
NOV Issued Date: Not reported

Location: Not reported
Num Affected: Not reported
7.5 Min Quad: Not reported
Source Type: Not reported
GPS Confirmed: No

Testlat: Not reported

Contact Person: Not reported

Product Type: Not reported

Phase Of LSA Req Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

FIBER DYNAMICS INC (Continued)

U003134772

Risk Classification: Not reported
Risk Classification Based On Review: Not reported
Site Risk Reason: Not reported
Corrective Action Plan Type: Not reported
Release Code: Not reported
Level Of Soil Cleanup Achieved: Not reported
Closure Request Date: Not reported
NFA Letter Date: 8/4/93
Contamination Type: NO
MTBE: 0
Comment: Not reported
Telephone: Not reported
Error Flag: 0
MTBE1: Unknown
Cleanup: / /
RBCA GW: Not reported
CD Num: 19
RPOW: False
RPL: False
Type: Not reported
Error Type: Not reported
Sampled By: Not reported
Last Modified: Not reported
Incident Phase: Not reported
NOV issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Close-out Report: Not reported
Corrective Action Planned: Not reported
Reclassification Report: Not reported
Closure Request Date: Not reported

Land Use: Not reported
Site Priority: 0

Of Supply Wells: 0

Flag: 0
LUR Filed: Not reported
Flag1: No
Current Status: File Located in Archives
PETOPT: Not reported
Rael Num: 3785
RPOP: False

Priority Update: Not reported

NORR issued: Not reported
SOC Signed: Not reported

RS Designation: Not reported

UST:
Facility ID: 0-010093
Telephone: (910) 888-7111
Owner name: FIBER DYNAMICS INC
Owner Address: 200 SOUTH WEST POINT AVENUE

Owner Phone: (336) 888-7111
Tank capacity: 20000
Comment: Not reported
Tank product: Fuel Oil
Tank material: Unknown
Interior Protection: Unknown
Exterior Protection: Unknown
Piping material: Unknown
Canity Type: Not reported
Leak Detection Type 1: Manual tank gauging
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Line tightness testing
Compos Protec Tank: Unknown
Compos Protec Pipe: Not reported
Spill and Overfill: Not reported
Financial Responsibility: State funds
Region: 04
Tank ID: Not reported
Date installed: 03/09/1971

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIBER DYNAMICS INC (Continued)

U003134772

Date removed: Not reported
Status: Currently In Use
Compartment Tank: No
Main Tank: No
Product Type: HEA
Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: U
Corrosion Protection Piping Date: Not reported
Overfill: No
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: STATE FUND
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: 2003029050
Date Last Certified: 03/20/2003
Begin Certified Number: 20030401
End Certified Number: 20040331
Lat/Long: .00000 / .00000
Lat/Long 1: Not reported
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

Facility ID: 0-010093
Telephone: (910) 886-7111
Owner name: FIBER DYNAMICS INC
Owner Address: 200 SOUTH WEST POINT AVENUE

Owner Phone: HIGH POINT, NC 27261
(336) 886-7111

Tank capacity: 20000
Comment: Not reported
Tank product: Fuel Oil
Tank material: Steel
Interior Protection: None
Exterior Protection: Paint
Piping material: Steel
Certify Type: Not reported
Leak Detection Type: Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Not reported
Corrosion Protec Pipe: Not reported
Spill and Overfill: Not reported
Financial Responsibility: State funds
Region: 04
Tank ID: Not reported
Date installed: 03/09/1971
Date removed: 06/29/1993
Status: Permanent Closed
Compartment Tank: No
Main Tank: No
Product Type: HEA

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FIBER DYNAMICS INC (Continued)

U003134772

Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: Not reported
Corrosion Protection Piping Date: Not reported
Overfill: Not reported
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: STATE FUND
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: Not reported
Date Last Certified: Not reported
Begin Certified Number: Not reported
End Certified Number: Not reported
Lat/Long: .00000 / .00000
Lat/Long 1: Not reported
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

3 THOMAS BUILT BUSES, INC.
WNW 1048 COURTESY RD.
< 1/8 HIGH POINT, NC
326 ft.

IND S101574596
LUST N/A

Relative:
Higher

Actual:
934 ft.

LUST:

Incident Number: 9479
Date Occurred: Not reported
Incident Description: Not reported
Owner: Not reported
Ownership: Not reported
Site Priority: Not reported
Wells Affected: Not reported
7.5 Min Quad: Not reported
Lat/Long: Not reported
Release Code: Not reported
Facility ID: 0-017653
Samples Include: Not reported
Operation: Not reported
UST Number: Not reported
Regional Officer Project Mgr: KCG
Region: Winston-Salem
Responsible Party THOMAS BUILT BUSES, INC.
RP Address: P.O. BOX 2450
HIGH POINT, NC 27261
RP County: Not reported
Date Reported: Not reported
Comm / Non-comm UST Site: Commercial
Tank Regulated Status: Regulated
NORR Issued Date: Not reported
NOV Issued Date: Not reported
Risk Classification: Not reported
Risk Classification Based On Review: Not reported
Site Risk Reason: Not reported
Corrective Action Plan Type: Not reported
Release Code: Not reported
Level Of Soil Cleanup Achieved: Not reported

Location: Not reported

Num Affected: Not reported
5 Min Quad: Not reported

Source Type: Not reported
GPS Confirmed: No

Tested: Not reported

Contact Person: STEVE HANNAH

Product Type: Petroleum

Phase Of LSA Req Not reported

Land Use: Not reported

Site Priority: 0

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

THOMAS BUILT BUSES, INC. (Continued)

S101574596

Closure Request Date : Not reported
NFA Letter Date : 12/3/92
Contamination Type : Not reported
MTBE : 0
Comment : Not reported
Telephone : Not reported
Error Flag : 0
MTBE1 : Unknown
Cleanup : 10/23/92
RSDA GW : Not reported
CD Num : 18
RPOW : False
RPL : False
Type : Not reported
Error Type : Not reported
Sampled By : Not reported
Last Modified : 04/27/93
Incident Phase : Closed Out
NOV Issued : Not reported
45 Day Report : Not reported
Public Meeting Held : Not reported
Close-out Report : 12/03/92
Corrective Action Planned : Not reported
Reclassification Report : Not reported
Closure Request Date : Not reported

Of Supply Wells : 0
Flag : 0
LUR Filed : Not reported
Flag1 : No
Current Status : File Located in Archives
PETOPT : 3
Reel Num : 3785
RPOP : False
Priority Update : Not reported
NORR Issued : Not reported
SOC Signed : Not reported
RS Designation : Not reported

IMD:

Incident Number: 9479
Region: WS
Date Occurred: 07/29/1991
Submit Date: 11/18/1992
GW Contam: Not reported
Soil Contam: Not reported
Operator: Not reported
Contact Phone: Not reported
Priority Code: Not reported
Priority Update: / /
Site Priority: Not reported
Dem Contact: K GAGE
Wells Affected: Not reported
Num Affected: 0.00000
Sampled By: Samples Include:
7.5 Min Quaid: Not reported
5 Min Quaid: Not reported
Incident Desc: CONTAMINATION FOUND DURING UST REMOVAL
Ownership: Not reported
Operation: Not reported
Material: Not reported
Qty Lost: Not reported
Qty Recovered: Not reported
Source: Leak-underground
Type: Not reported
Location: Not reported
Setting: Not reported
Wells Contam: Not reported
Sampled By: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

THOMAS BUILT BUSES, INC. (Continued)

S101574596

Samples Include: Not reported
Owner Company: Not reported
Lat/Long: Not reported
Risk Site: Not reported
Lat/Long Decimat: 0.00000 / 0.00000
Lat/Long Number: 0.00000 / 0.00000
GPS: NOD
Last Modified: 04/27/1993
NOV Issued: / /
45 Day Report: / /
Public Meeting Held: / /
Corrective Action Planned: / /
Reclassification Report: / /
Close-out Report: 12/03/1992
Closure Request Date: / /
Agency: DWM
Incident Phase: CO
SOC Signed: / /
RS Designation: / /

4
WNW
< 1/8
605 ft.

VALSPAR CORPORATION

NC HSDS S102442295
N/A

Relative:
Higher
Actual:
937 ft.

NC HSDS:
Facility Name: VALSPAR CORPORATION
Latitude: 35 56 49.977984
Site Type: Federal
Longitude: 80 1 10.615905
Superfund ID #: 041 415 019

5
SSE
1/8-1/4
716 ft.

CITY TRANSFER & STORAGE COMPA
1100 REDDING DRIVE
HIGH POINT, NC 27260

UST U061192879
N/A

Relative:
Lower
Actual:
912 ft.

UST:
Facility ID: 0-010917
Telephone: (336) 889-8155
Owner name : CITY TRANSFER & STORAGE COMPANY
Owner Address: 1100 REDDING DRIVE

Owner Phone : HIGH POINT, NC 27260
(336) 889-8155
Tank capacity : 1000
Comment : Not reported
Tank product : Gasoline, Gasoline Mixture
Tank material : Steel
Interior Protection: None
Exterior Protection: Paint
Piping material : Steel
Certify Type : Not reported
Leak Detection Type : Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Not reported
Corrosion Protec Pipe: Not reported
Spill and Overfill : Not reported
Financial Responsibility : Not reported
Region: 04
Tank ID: Not reported
Date Installed: 03/04/1971
Date removed: 06/27/1989

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

CITY TRANSFER & STORAGE COMPA (Continued)

U001192879

Status: Permanent Closed
Compartment Tank: No
Main Tank: No
Product Type: NON
Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: Not reported
Corrosion Protection Piping Date: Not reported
Overfill: Not reported
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: Not reported
Date Last Certified: Not reported
Begin Certified Number: Not reported
End Certified Number: Not reported
Lat/Long: 35.94490 / -80.01850
Lat/Long 1: 35 58 41.7 / 80 00 59.2
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

Facility ID: 0-010917
Telephone: (336) 889-6155
Owner name: CITY TRANSFER & STORAGE COMPANY
Owner Address: 1100 REDDING DRIVE

Owner Phone: HIGH POINT, NC 27260
(336) 889-6155
Tank capacity: 10000
Comment: Not reported
Tank product: Gasoline, Gasoline Mixture
Tank material: Steel
Interior Protection: None
Exterior Protection: Cathodic Protection
Piping material: Cathodic Protection
Certify Type: Not reported
Leak Detection Type 1: Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Impressed current
Corrosion Protec Pipe: Not reported
Spill and Overfill: Automatic shutoff devices
Financial Responsibility: Not reported
Region: 04
Tank ID: Not reported
Date installed: 03/01/1982
Date removed: Not reported
Status: Currently In Use
Compartment Tank: No
Main Tank: No
Product Type: NON
Piping System Type Code: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EPA ID Number

CITY TRANSFER & STORAGE COMPA (Continued)

U001192879

Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: 19981230
Corrosion Piping: B
Corrosion Protection Piping Date: 19981230
Overfill: A
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: 2003026260
Date Last Certified: 03/10/2003
Begin Certified Number: 20030310
End Certified Number: 20031231
Lat/Long: 35.94490 / -80.01850
Lat/Long 1: 35 58 41.7 / 80 00 59.2
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

Facility ID: 0-010917
Telephone: (336) 889-6155
Owner name: CITY TRANSFER & STORAGE COMPANY
Owner Address: 1100 REDDING DRIVE

Owner Phone: HIGH POINT, NC 27260
(336) 889-6155
Tank capacity: 10000
Comment: Not reported
Tank product: Diesel, Diesel Mixture
Tank material: Steel
Interior Protection: None
Exterior Protection: Cathodic Protection
Piping material: Cathodic Protection
Certify Type: Not reported
Leak Detection Type 1: Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Impressed current
Corrosion Protec Pipe: Not reported
Spill and Overfill: Automatic shutoff devices
Financial Responsibility: Not reported
Region: 04
Tank ID: Not reported
Date installed: 03/01/1982
Date removed: Not reported
Status: Currently In Use
Compartment Tank: No
Main Tank: No
Product Type: NON
Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: 19981230
Corrosion Piping: B
Corrosion Protection Piping Date: 19981230

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CITY TRANSFER & STORAGE COMPA (Continued)

U001192879

Overfill: A
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Date Last Certified: 2003026280
Begin Certified Number: 03/10/2003
End Certified Number: 20030310
Lat/Long: 35.94490 / -80.01650
GPS String Confirmed: No
Initials of individual Confirming GPS: Not reported

6 NW
1/8-1/4
774 FL

WACHOVIA BANK WEST OFFICE
1604 ENGLISH STREET
HIGH POINT, NC 27260

UST U001205715
N/A

Relative:
Higher
Actual:
926 FL

UST:
Facility ID: 0-031287
Telephone: (919) 770-6846
Owner name: WACHOVIA BANK & TRUST CO
Owner Address: 301 N MAIN STREET

WINSTON SALEM, NC 27102
Owner Phone: (910) 770-5484
Tank capacity: 275
Comment: Not reported
Tank product: Heating Oil/Fuel
Tank material: Steel
Interior Protection: Unknown
Exterior Protection: Unknown
Piping material: Unknown
Corrosion Protection: Not reported
Leak Detection Type 1: Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Leak Detection Piping 2: Not reported
Corrosion Protection Tank: Not reported
Corrosion Protection Piping: Not reported
Spill and Overfill: Not reported
Financial Responsibility: Not reported
Region: 04
Tank ID: Not reported
Date installed: 09/27/1964
Date removed: Not reported
Status: Permanent Closed
Compartment Tank: No
Main Tank: No
Product Type: HEA
Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: Not reported
Corrosion Protection Piping Date: Not reported
Overfill: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

WACHOVIA BANK WEST OFFICE (Continued)

U001205715

Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: 01/01/1971
Date Last Certified: Not reported
Begin Certified Number: Not reported
End Certified Number: Not reported
Lat/Long: .00000 / .00000
GPS String Confirmed: No
Initials of individual Confirming GPS: Not reported

7 NW
1/8-1/4
864 FL

FLORIDA CURB MARKET
1628 ENGLISH ROAD
HIGH POINT, NC 27260

U003143871
N/A

Relative:
Higher
Actual:
923 FL

LUST:
Incident Number: 8707
Date Occurred: Not reported
Incident Description: Not reported
Owner: Not reported
Ownership: Not reported
Site Priority: Not reported
Wells Affected: Not reported
7.5 Min Quad: Not reported
Lat/Long: Not reported
Release Code: Not reported
Facility ID: 0-009855
Samples Include: Not reported
Operation: Not reported
UST Number: Not reported
Regional Official Project Mgr: Not reported
Region: Winston-Salem
Responsible Party: FLORIDA CURB MARKET
RP Address: 1628 ENGLISH RD.
HIGH POINT, NC 27260
RP County: Not reported
Date Reported: Not reported
Comm / Non-comm UST Site: Commercial
Tank Regulated Status: Regulated
NORR Issued Date: Not reported
NGV Issued Date: Not reported
Risk Classification: Not reported
Risk Classification Based On Review: Not reported
Site Risk Reason: Not reported
Corrective Action Plan Type: Not reported
Release Code: Not reported
Level Of Soil Cleanup Achieved: Not reported
Closure Request Date: Not reported
NFA Letter Date: 5/17/91
Contamination Type: Not reported
MTBE: 0
Comment: Not reported
Telephone: Not reported
Error Flag: 0
Location: Not reported
Num Affected: Not reported
5 Min Quad: Not reported
Source Type: Not reported
GPS Confirmed: No
Testset: Not reported
Contact Person: W.H. WILKES
Product Type: Petroleum
Phase Of LSA Req: Not reported
Land Use: Not reported
Site Priority: 0
Of Supply Wells: 0
Flag: 0
LUR Filed: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FLORIDA CURB MARKET (Continued)

U003143871

MTBE1 : Unknown
Cleanup : 11/30/89
RBCA GW : Not reported
CD Num : 15
RPOW : False
RPL : False
Type : Not reported
Error Type : Not reported
Sampled By : Not reported
Last Modified : 08/07/92
Incident Phase : Closed Out
NOV Issued : Not reported
45 Day Report : Not reported
Public Meeting Held : Not reported
Close-out Report : 07/30/92
Corrective Action Planned : Not reported
Reclassification Report : Not reported
Closure Request Date : Not reported

Flag1 : No
Current Status : File Located in Archives
PETOPT : 3
Reel Num : 3785
RPOP : False
Priority Update : Not reported

NORR Issued : Not reported
SOC Signed : Not reported
RS Designation : Not reported

IMD:

Incident Number: 8707
Region: WS
Date Occurred: 09/07/1989
Submit Date: 07/30/1992
GW Contam: Not reported
Soil Contam: Not reported
Operator: Not reported
Contact Phone: Not reported
Priority Code: Not reported
Priority Update: / /
Site Priority: Not reported
Dem Contact: RYAN STANLEY
Wells Affected: Not reported
Num Affected: 0.00000
Sampled By: Samples Include:
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Incident Desc: ASSESSMENT FOUND CONTAMINATION
Ownership: Not reported
Operation: Not reported
Material: Not reported
Qty Lost: Not reported
Qty Recovered: Not reported
Source: Leak-underground
Type: Not reported
Location: Not reported
Setting: Not reported
Wells Contam: Not reported
Sampled By: Not reported
Samples Include: Not reported
Owner Company: Not reported
Lat/Long: Not reported
Risk Site: Not reported
Lat/Long Decimal: 0.00000 / 0.00000
Lat/Long Number: 0.00000 / 0.00000
GPS: NOD

Agency: DWM

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FLORIDA CURB MARKET (Continued)

U003143871

Last Modified: 08/07/1992
NOV Issued: / /
45 Day Report: / /
Public Meeting Held: / /
Corrective Action Planned: / /
Reclassification Report: / /
Close-out Report: 07/30/1992
Closure Request Date: / /

Incident Phase: CO
SOC Signed: / /
RS Designation: / /

UST:

Facility ID: 0-009855
Telephone: (919) 889-7168
Owner name: W N & PEGGY WILKES
Owner Address: 1721 JACKSON LAKE RD

HIGH POINT, NC 27260

Owner Phone: .
Tank capacity: 1000
Comment: Not reported
Tank product: Gasoline, Gasoline Mixture
Interior Protection: Steel
Exterior Protection: Unknown
Piping material: Steel
Certify Type: Not reported
Leak Detection Type: Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Not reported
Corrosion Protec Pipe: Not reported
Spill and Overfill: Not reported
Financial Responsibility: Not reported
Region: D4
Tank ID: Not reported
Date Installed: 05/12/1988
Date removed: 12/31/1989
Status: Permanent Closed
Compartment Tank: No
Main Tank: No
Product Type: NON
Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank1: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: Not reported
Corrosion Protection Piping Date: Not reported
Overfill: Not reported
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: Not reported
Date Last Certified: Not reported
Begin Certified Number: Not reported
End Certified Number: Not reported
Lat/Long: .00000 / .00000

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FLORIDA CURS MARKET (Continued)

U003143871

Lat/Long 1 : Not reported
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

Facility ID: 0-009855
Telephone: (919) 889-7188
Owner name : W N & PEGGY WILKES
Owner Address: 1721 JACKSON LAKE RD

HIGH POINT, NC 27260

Owner Phone :
Tank capacity : 1000
Comment : Not reported
Tank product : Gasoline, Gasoline Mixture
Tank material : Steel
Interior Protection: Unknown
Exterior Protection: Unknown
Piping material : Steel
Certify Type : Not reported
Leak Detection Type : Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Not reported
Corrosion Protec Pipe: Not reported
Spill and Overfill : Not reported
Financial Responsibility : Not reported
Region: 04
Tank ID: Not reported
Date installed: 05/12/1966
Date removed: 12/31/1988
Status: Permanent Closed
Compartment Tank : No
Main Tank : No
Product Type: NON

Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: Not reported
Corrosion Protection Piping Date: Not reported
Overfill: Not reported
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: Not reported
Date Last Certified: Not reported
Begin Certified Number: Not reported
End Certified Number: Not reported
Lat/Long : .00000 / .00000
Lat/Long 1 : Not reported
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

Facility ID: 0-009855

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FLORIDA CURS MARKET (Continued)

U003143871

Telephone: (919) 889-7188
Owner name : W N & PEGGY WILKES
Owner Address: 1721 JACKSON LAKE RD

HIGH POINT, NC 27260

Owner Phone :
Tank capacity : 1000
Comment : Not reported
Tank product : Gasoline, Gasoline Mixture
Tank material : Steel
Interior Protection: Unknown
Exterior Protection: Unknown
Piping material : Steel
Certify Type : Not reported
Leak Detection Type : Not reported
Leak Detection Type 2: Not reported
Leak Detection Piping 1: Not reported
Corrosion Protec Tank: Not reported
Corrosion Protec Pipe: Not reported
Spill and Overfill : Not reported
Financial Responsibility : Not reported
Region: 04
Tank ID: Not reported
Date installed: 05/12/1966
Date removed: 12/31/1988
Status: Permanent Closed
Compartment Tank : No
Main Tank : No
Product Type: NON

Piping System Type Code: Not reported
Piping System Type Description: Not reported
Corrosion Protection Tank 1: Not reported
Corrosion Protection Tank Date: Not reported
Corrosion Piping: Not reported
Corrosion Protection Piping Date: Not reported
Overfill: Not reported
Spill Overfill Date: Not reported
Financial Responsibility Code: Not reported
Financial Responsibility Description: Not reported
Surface Water: Not reported
Water Supply Well: Not reported
Tank Last Used Date: Not reported
Tank Certified Number: Not reported
Date Last Certified: Not reported
Begin Certified Number: Not reported
End Certified Number: Not reported
Lat/Long : .00000 / .00000
Lat/Long 1 : Not reported
GPS String Confirmed: No
Initials of Individual Confirming GPS: Not reported

FOUR SEASONS



Four Seasons Industrial Services, Inc.
3107 South Elm-Eugene Street • P.O. Box 16590
Greensboro, North Carolina 27416-0590
(919) 273-2718 • Fax Number (919) 274-5798

June 18, 1993

Mr. Harry Kalpagian
Fiber Dynamics
Post Office Box 1910
High Point, North Carolina 27261

Reference: Revised UST Abandonment Proposal
Fiber Dynamics, Inc.
200 South West Point Avenue
Guilford County, High Point, NC

Dear Mr. Kalpagian:

Four Seasons is pleased to provide this revised proposal on the services required for the in-place-abandonment of a single 20,000 gallon underground storage tank containing #6 fuel oil located at the above referenced facility. Four Seasons had previously performed the interior cleaning of the storage vessel and had attempted to collect soil samples until the influx of groundwater prevented any sample collection activities.

The UST closure shall be performed for the following unit rates:

Four Seasons shall remove and dispose of the estimated 12,200 gallons of water presently contained within the tank for a unit cost of: **\$0.10/gallon**

Four Seasons shall fill the tank with a concrete slurry mix and perform the in-place-abandonment for the contract price of: **\$11,175.00**

\$ 11,367

Mr. Kalpagian, if you should have any questions regarding this revised proposal, please feel free to contact our office at 1-800-868-2718. Thank you for the opportunity to assist with these environmental needs.

Sincerely,

Michael G. Stoneman
Corporate UST Program Manager

pc: 2345



Recycled
Paper

FOUR SEASONS



Four Seasons Industrial Services, Inc.
3107 South Elm-Eugene Street • P.O. Box 16590
Greensboro, North Carolina 27416-0590
(919) 273-2718 • Fax Number (919) 274-5798

June 3, 1993

Ms. Sherri Knight
North Carolina Dept. of Environment, Health & Natural Resources
Division of Environmental Management
8025 North Point Blvd, Suite 100
Winston-Salem, North Carolina 27106-3203

Reference: UST Abandonment
Fiber Dynamics, Inc.
200 South West Point Avenue
Guilford County, High Point, NC

Dear Ms. Knight:

This correspondence is in reference to the proposed in-place-abandonment of a single 20,000 gallon #6 fuel oil UST located at the above referenced facility. The original details of the project were forwarded to your office to the attention of Thomas Salley on July 22, 1992. The letter summarized the difficulties encountered by Four Seasons during the initial abandonment attempt.

After discussions with your office and Mr. Harry Kalpagian of Fiber Dynamics, Four Seasons proposes to mobilize the appropriate equipment and personnel to the referenced site to remove any water that may have accumulated within the storage vessel. The interior of the tank shall then be completely filled with concrete slurry so as to eliminate any voids. Soil samples shall not be collected due to the exempt status of the tank and the fact that Four Seasons and/or Fiber Dynamics, Inc. has no reason to suspect the presence of petroleum contamination.

Ms. Knight, if you have any questions regarding the in-place abandonment, please feel free to contact me or Mr. Harry Kalpagian.

Sincerely,

Michael G. Stoneman
Corporate UST Program Manager

cc: Harry Kalpagian - Fiber Dynamics, Inc.

pc: 2234_1

OUR SEASONS



Four Seasons Industrial Services, Inc.
3107 South Elm-Eugene Street • P.O. Box 16590
Greensboro, North Carolina 27416-0590
(919) 273-2718 • Fax Number (919) 274-5798

NC Dept of Environment, Health & Natural Resources
Division of Environmental Management
Groundwater Section
8025 North Point Boulevard, Suite 100
Winston-Salem, North Carolina 27106-3203

Attention: Thomas Salley

Reference: Fiber Dynamics, Inc.
200 South West Point Avenue
Guilford County, High Point, NC

Dear Mr. Salley:

Four Seasons Industrial Services, Inc. (Four Seasons) was contracted by Fiber Dynamics, Inc. (Fiber Dynamics) to perform the in-place abandonment of a single 20,000 gallon #6 fuel oil UST at the above referenced facility. Several unusual circumstances occurred within this project that necessitates guidance from the DEM regarding the soil sampling protocol for closure. As a summation of events, I offer the following:

Residual liquids were removed from the vessel utilizing a vacuum truck. A cleaning crew then entered the tank and performed an appropriate decontamination of the interior utilizing a pressure washer. A magnetic drill bit was used to bore through the side wall of the tank to collect the first of four proposed soil samples from the perimeter of the storage vessel. As the drill extracted the first steel plug from the tank shell, water began to flood into the tank at a rapid pace. The water rushed in at such a deluge that all personnel had to be immediately evacuated from the storage tank, therefore, soil samples could not be collected.

Due to the fact that sample collection from within the tank was prohibited, a second option was proposed which involved the use of a rotary drill to core beside the vessel. Prior to mobilization, U-LOCO was contacted to spot all utilities within the area. It was then discovered that a 100,00 VOLT electrical line from an adjacent Duke Power substation crossed directly over the storage vessel. This high voltage conduit prohibited the collection of samples from the surface.

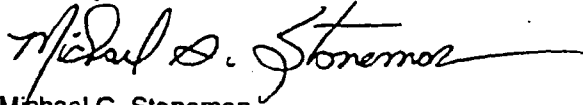
As you can see from review of the summary, we are faced with a most unusual circumstance. Closure samples cannot be collected from the surface or subsurface.

Based upon the excellent condition of the interior of the tank as evidenced during the cleaning process, the presence of a hydrostatic head which prohibits the collection of samples within the tank and the location of the high voltage line. Four Seasons recommends the tank be considered for closure without the collection of soil samples. It should be noted that the area where the tank is located has no history of spills or releases.

Fiber Dynamics, Inc.
Page 2

Mr. Salley, at this time the tank has not been filled with concrete slurry. Please forward your recommendations to my attention or to Mr. Harry Kalpagian with Fiber Dynamics. We await your response regarding further actions.

Sincerely,

A handwritten signature in cursive script, reading "Michael G. Stoneman".

Michael G. Stoneman
Corporate UST Program Manager

MS/ms
file m:fd-1

cc: Harry Kalpagian



FOUR SEASONS INDUSTRIAL SERVICES, INC.

Post Office Box 16590
Greensboro, North Carolina 27416
(919) 273-2718

710 8427

NON-HAZARDOUS WASTE MANIFEST

Manifest # 8427 F.S.I.S. JOB # 92-5-123 Date: 5-15-92
Generator: Fiber Dynamics, Inc. Phone No.: _____
High Point, NC EPA ID No.: 712
Contact: Alfred Kalpagon

Process which generated waste: Slack - 5008

I certify that the materials described below are properly described, classified, packaged, marked & labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Date 5/15/92 Signature [Signature]

Description of waste	Circle Form Solid Liquid Gas Sludge	Quantity	Circle Units Gallons Cu. Yds. Pounds Tons	Container	
				No.	Type
<u>Slack</u>	<u>Liquid</u>	<u>5008</u>	<u>Gallons</u>	<u>1</u>	<u>TT</u>

Transporter: Four Seasons Industrial Services, Inc. Unit Number(s) 11 CT-10
107 South Elm Street Phone No.: (704) 273-2718
Greensboro NC 27406 EPA ID No.: NC299127772
Vehicle License Tag Number(s) LT-137 Container: TT

I certify that the specified waste was transferred in a registered (licensed) vehicle to the disposal treatment, storage, or disposal facility named below and was accepted.

Pick-up Driver's Signature [Signature] Date 5-15-92 Delivering Driver's Signature _____ Date _____

Facility: Enterprise Recycling Co. (ERC) Phone No. (704) 985-4700
Route #1
Greensboro, NC Contact: Lud Brown

Handling Method: _____

I certify that the transporter above delivered the specified material to this TSD facility and was accepted and properly handled in the above manner. We are authorized and qualified by the State of _____ to handle this material.

Date _____ Signature: _____



FOUR SEASONS INDUSTRIAL SERVICES, INC.

Post Office Box 16590
Greensboro, North Carolina 27416
(919) 273-2718

NE 8428

NON-HAZARDOUS WASTE MANIFEST

Manifest # 8428 F.S.I.S. JOB # 42-5013 Date: 5-19-91
Generator: Fiber Dynamics, Inc. Phone No.: _____
South East, NC EPA ID No.: 9-
Contact: Steve K. Rogers

Process which generated waste: 20K of waste material

I certify that the materials described below are properly described, classified, packaged, marked & labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Date 05/15/91 Signature [Signature]

Description of waste	Circle Form Solid Liquid Gas Sludge	Quantity	Circle Units Gallons Cu. Yds. Pounds Tons	Container	
				No.	Type
<u>6.11</u>	<u>Liquid</u>	<u>5,400</u>	<u>Gallons</u>	<u>1</u>	<u>55</u>

Transporter: [Signature] Unit Number(s) 24-3-7-0
[Signature] Phone No. (919) 3-2718
[Signature] EPA ID No.: NC12-99122232
Vehicle License Tag Number(s) 2-1802 Container: 55

I certify that the specified waste was transferred in a registered (licensed) vehicle to the disposal treatment, storage, or disposal facility named below and was accepted.

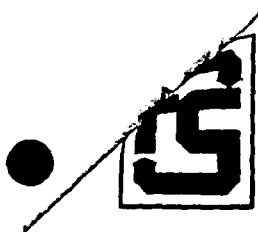
100/10 Pick-up Driver's Signature _____ Date _____ Delivering Driver's Signature _____ Date _____

Facility: Greensboro Recycling Co. (FAC) Phone No. (919) 422-4700
Route 1
Greensboro, NC 27406 Contact: Bill Brown

Handling Method: _____

I certify that the transporter above delivered the specified material to this TSD facility and was accepted and properly handled in the above manner. We are authorized and qualified by the State of _____ to handle this material.

Date _____ Signature: _____



FOUR SEASONS INDUSTRIAL SERVICES, INC.

Post Office Box 16590
Greensboro, North Carolina 27416
(919) 273-2718

No 12916

NON-HAZARDOUS WASTE MANIFEST

Manifest # _____ F.S.I.S. JOB # 7-10-83 Date: 6-27-93
Generator: Free Operation Phone No.: 1-800-666-7666
200 S. West Point Ave EPA ID No.: NC
West Point, N.C. Contact: Harry KA 100-000

Process which generated waste:

I certify that the materials described below are properly described, classified, packaged, marked & labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Date 6/29/93 Signature [Signature]

Description of waste	Circle Form Solid Liquid Gas Sludge	Quantity	Circle Units Gallons Cu. Yds. Pounds Tons	Container	
				No.	Type
<u>1000</u>		<u>5500</u>		<u>1</u>	<u>TI</u>

Transporter: Four Seasons Ind Services Unit Number(s) 27-11 / 27-12
7107 S. Elm St. NE Phone No.: 719-273-2718
Greensboro, N.C. 27406 EPA ID No.: NC 991-77712
Vehicle License Tag Number(s) LE-2222 / 3-28775 Container: TI

I certify that the specified waste was transferred in a registered (licensed) vehicle to the disposal treatment, storage, or disposal facility named below and was accepted.

Pick-up Driver's Signature: [Signature] Date: 6-29-93 Delivering Driver's Signature: _____ Date: _____

Facility: _____ Phone No.: _____

Contact: _____

Handling Method: _____

I certify that the transporter above delivered the specified material to this TSD facility and was accepted and properly handled in the above manner. We are authorized and qualified by the State of _____ to handle this material.

Date _____ Signature: _____

FOUR SEASONS INDUSTRIAL SERVICES, INC.Post Office Box 16590
Greensboro, North Carolina 27416
(919) 273-2718

No 12917

NON-HAZARDOUS WASTE MANIFEST

Manifest #

F.S.I.S. JOB # 72 50123

Date:

6/27/93

Generator:

FIBER DYNAMICS
200 S. WEST BENT AVE
HIGH POINT, N.C.

Phone No.:

1-800-666-7666

EPA ID No.:

NA

Contact:

HARRY KALPAGON

Process which generated waste:

I certify that the materials described below are properly described, classified, packaged, marked & labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Date

Signature

Description of waste	Circle Form Solid Liquid Gas Sludge	Quantity	Circle Units Gallons Cu. Yds. Pounds Tons	Container	
				No.	Type
WATER		37.00		1	T

Transporter:

FOUR SEASONS IND SERVICES
3117 S. GUM SPRING
GREENSBORO N.C.

Unit Number(s)

PT. 4 / 7-17

Phone No.:

719 273 2718

EPA ID No.:

NCD 9712 77122

Vehicle License Tag Number(s)

LC 9222 / 5 54775

Container:

T

I certify that the specified waste was transferred in a registered (licensed) vehicle to the disposal treatment, storage, or disposal facility named below and was accepted.

Pick-up Driver's Signature

Date

Delivering Driver's Signature

Date

Facility:

Phone No.

Contact:

Handling Method:

I certify that the transporter above delivered the specified material to this TSD facility and was accepted and properly handled in the above manner. We are authorized and qualified by the State of _____ to handle this material.

Date

Signature:



FOUR SEASONS INDUSTRIAL SERVICES, INC.

Post Office Box 16590
Greensboro, North Carolina 27416
(919) 273-2718

NO 13134

NON-HAZARDOUS WASTE MANIFEST

Manifest #

F.S.I.S. JOB # 20123

Date: 6/9/93

Generator:

TREK Dynamics
201 S. West Point Ave
High Point, N.C.

Phone No.: 709 273 7626

EPA ID No.: NC

Contact: ALAN KALPASHIAN

Process which generated waste:

I certify that the materials described below are properly described, classified, packaged, marked & labeled, and are in proper condition to be transported in commerce under the applicable regulations of the State, the Environmental Protection Agency and the Department of Transportation. I certify that the waste described below is non-hazardous. I certify that the specific waste was delivered to the carrier named below for legal treatment, storage, or disposal at the site indicated.

Date: 6/9/93

Signature: _____

Description of waste	Circle Form Solid Liquid Gas Sludge	Quantity	Circle Units Gallons Cu. Yds. Pounds Tons	Container	
				No.	Type
WASTE		2300			TI

Transporter:

Four Seasons Ind. Service
2017 E. Main Street
Greensboro, N.C.

Unit Number(s): P-11

Phone No.: 709 273 2718

EPA ID No.: NC07912718

Vehicle License Tag Number(s):

LC 3213

Container: TI

I certify that the specified waste was transferred in a registered (licensed) vehicle to the disposal treatment, storage, or disposal facility named below and was accepted.

Pick-up Driver's Signature

Date

Delivering Driver's Signature

Date

Facility:

Four Seasons Ind. Service
2017 E. Main Ave
Greensboro, N.C.

Phone No.: 709 273 2718

Contact: _____

Handling Method:

I certify that the transporter above delivered the specified material to this TSD facility and was accepted and properly handled in the above manner. We are authorized and qualified by the State of _____ to handle this material.

Date

Signature: _____



FOUR SEASONS INDUSTRIAL SERVICES, INC.

Post Office Box 16590
Greensboro, North Carolina 27416-0590
(919)273-2718

TANK DISPOSAL MANIFEST

1)	Tank Owner/Authorized Representative: Name and Mailing Address _____ <u>FIBER DYNAMICS</u> <u>200 S. WEST POINT AVE HIGH POINT NC.</u>																		
2)	Tank Owner/Authorized Representative: Phone No. <u>(1-800) 666 7686</u>																		
3)	<table border="1"><thead><tr><th>Description of Tanks:</th><th>Capacity</th><th>Previous Contents</th><th>Comments</th></tr></thead><tbody><tr><td><u>Tank No. FD-1</u></td><td><u>20,000</u></td><td><u>26 Gallons</u></td><td><u>CLEANED</u></td></tr><tr><td colspan="4"><u>IN PLACE ABANDONMENT</u></td></tr><tr><td colspan="4"><u>FILLED WITH SLOPPY</u></td></tr></tbody></table>			Description of Tanks:	Capacity	Previous Contents	Comments	<u>Tank No. FD-1</u>	<u>20,000</u>	<u>26 Gallons</u>	<u>CLEANED</u>	<u>IN PLACE ABANDONMENT</u>				<u>FILLED WITH SLOPPY</u>			
Description of Tanks:	Capacity	Previous Contents	Comments																
<u>Tank No. FD-1</u>	<u>20,000</u>	<u>26 Gallons</u>	<u>CLEANED</u>																
<u>IN PLACE ABANDONMENT</u>																			
<u>FILLED WITH SLOPPY</u>																			
4)	Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank Owner. <table border="0"><tr><td><u>MARK KIDD</u></td><td><u>[Signature]</u></td><td><u>06/11/88</u></td></tr><tr><td>Printed/Typed Name</td><td>Signature</td><td>Month Day Year</td></tr></table>			<u>MARK KIDD</u>	<u>[Signature]</u>	<u>06/11/88</u>	Printed/Typed Name	Signature	Month Day Year										
<u>MARK KIDD</u>	<u>[Signature]</u>	<u>06/11/88</u>																	
Printed/Typed Name	Signature	Month Day Year																	
5)	Transporter: The undersigned certifies that the above listed storage tanks have been transported to the Four Seasons Industrial Services facility at 519 Patton Ave. Greensboro, N.C. <table border="0"><tr><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Printed/Typed Name</td><td>Signature</td><td>Month Day Year</td></tr></table>			_____	_____	_____	Printed/Typed Name	Signature	Month Day Year										
_____	_____	_____																	
Printed/Typed Name	Signature	Month Day Year																	
6)	Decontamination Manager: The undersigned certifies that the above listed storage tanks have been cleaned and scrapped. <table border="0"><tr><td><u>Karl Kidd</u></td><td><u>[Signature]</u></td><td><u>6/11/88</u></td></tr><tr><td>Printed/Typed Name</td><td>Signature</td><td>Month Day Year</td></tr></table>			<u>Karl Kidd</u>	<u>[Signature]</u>	<u>6/11/88</u>	Printed/Typed Name	Signature	Month Day Year										
<u>Karl Kidd</u>	<u>[Signature]</u>	<u>6/11/88</u>																	
Printed/Typed Name	Signature	Month Day Year																	
7)	Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been cut into scrap pieces and accepted by the metal recycling facility. Recycling Facility: _____ <table border="0"><tr><td>_____</td><td>_____</td><td>_____</td></tr><tr><td>Printed/Typed Name</td><td>Signature</td><td>Month Day Year</td></tr></table>			_____	_____	_____	Printed/Typed Name	Signature	Month Day Year										
_____	_____	_____																	
Printed/Typed Name	Signature	Month Day Year																	

~~—~~North Carolina Department of Environment, Health and Natural Resources
Division of Environmental Management
Groundwater Section

Underground Storage Tank Operating Permit Application

FIBER DYNAMICS, INC.
WESTPOINT AVENUE
HIGH POINT
NC 27261

UST FACILITY ID #: 0-010093
FIBER DYNAMICS, INC.
WESTPOINT AVENUE
HIGH POINT
NC 27261
UST OWNER TEL. #: (919) 886-7111

TANK #	CAPACITY (GALS)	CONTENTS	INSTALLATION DATE
-----	-----	-----	-----
1	20,000	Fuel Oil	1971/03/09
2	20,000	Fuel Oil	1971/03/09

Tank #2 was closed on 06/29/93. Copy of GW/UST-2 enclosed.

(GW/UST-2) Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR
TANKS
IN
NC

Return Completed Form To:
The appropriate DEM Regional Office according to the county of the facility's location.
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS].

State Use Only
I.D. Number _____
Date Received _____

INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

I. Ownership of Tank(s)

Fiber Dynamics Inc
Owner Name (Corporate, Individual, Public Agency, or Other Entity)
Post Office Box 1910
Street Address
Guilford County
County
High Point, NC 27261
City
(910) 886-7111 Zip Code
Area Code Telephone Number

II. Location of Tank(s)

Fiber Dynamics, Inc
Facility Name or Company
N/A
Facility ID # (if available)
200 South West Point Avenue
Street Address or State Road
Guilford High Point, NC
County City
(910) 886-7111 Zip Code
Area Code Telephone Number

III. Contact Person

Mr. Harry Kolpajian (910) 886-7111
Name Telephone No. (Area Code)
Closure Contractor Four Seasons Environmental Greensboro, NC (910) 273-2718
(Name) (Address) Telephone No. (Area Code)
Lab Not Applicable
(Name) (Address) Telephone No. (Area Code)

IV. U.S.T. Information

V. Excavation Condition

VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notice Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	20,000	120" x 34'	#6 Fuel Oil	<input checked="" type="checkbox"/>					

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

VII. Check List

Check the activities completed.

- ☐ Contact local fire marshal
☐ Notify DEM Regional Office before abandonment
☒ Drain & flush piping into tank
☒ Remove all product and residuals from tank
☐ Excavate down to tank
☒ Clean and inspect tank
☐ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures
☒ Cap or plug all lines except the vent and fill lines
☒ Purge tank of all product & flammable vapors
☐ Cut one or more large holes in the tanks
☐ Backfill the area
Date Tank(s) Permanently closed: 6-29-93
Date of Change-in-Service: N/A

- ABANDONMENT IN PLACE**
☒ Fill tank until material overflows tank opening;
☒ Plug or cap all openings;
☒ Disconnect and cap or remove vent line
☒ Solid inert material used - specify:
Concrete Slurry Mix

- REMOVAL**
☐ Create vent hole
☐ Label tank
☐ Dispose of tank in approved manner
Final tank destination: N/A

VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

Signature

Date Signed

Michael G. Stoneman (Manager FSE)Michael G. Stoneman3-7-96



^ Environmental

^ Soil and Groundwater
Assessment and Remediation

^ Geology

^ Hydrogeology

^ Phase I Due Diligence

^ Compliance Audits

^ Permitting

^ Stormwater

^ UST Closure

^ Project Management

Jeff Gerlock, L.G.

www.blueridgegeo.com

107 Oakley Court
Archdale, NC 27263

Phone/Fax: 336-431-5454

REPORT OF PHASE 2 ENVIRONMENTAL SITE ASSESSMENT

**Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina**

Prepared For:

**Fiber Dynamics, Inc.
High Point, North Carolina**

Prepared By:

Blue Ridge Geological Services, Inc.
Archdale, North Carolina

BR Project # 593

October 2004

October 29, 2004

Mr. Jim Heery
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina 27261

Subject: **Report of Phase 2 Environmental Site Assessment**
Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina
BR Project #593

Dear Mr. Heery:

As authorized by your acceptance of our proposal dated September 3, 2004, *Blue Ridge Geological Services, Inc. (Blue Ridge)* personnel performed environmental assessment activities at the subject site. The work was performed to evaluate the soil and groundwater in the vicinity of the environmental concerns identified in Blue Ridge's *Report of Phase I Environmental Assessment* dated April 2004. Included in this report is a description of the field activities, the results obtained, and our conclusions and recommendations.

Field Activities

On September 29, 2004, Blue Ridge personnel mobilized to the site and supervised the drilling of 13 soil borings (B-1 through B-13) at the property using a Geoprobe. The sample locations are presented on Figure 1. The borings were drilled near the loading docks (B-1, B-4, B-5, B-9), rolloff with wastewater treatment sludge and wastewater treatment system effluent point (B-2, B-3), downgradient of loading docks and stained asphalt (B-6), aboveground storage tank area (B-7 and B-8), unknown vent pipe (B-11), and underground storage tank abandoned in place at one of the loading docks (B-12, B-13).

The borings were drilled by Probe Technology using a truck-mounted Geoprobe. The Geoprobe used 2 1/4-inch diameter steel rods pushed/advanced hydraulically through the soils. Soil samples were collected using plastic sleeves hydraulically pushed into the soil using the Geoprobe. The boreholes were drilled to four to 15 feet below ground surface (bgs).

Soils encountered in the borings consisted of grass or asphalt at the surface; fill (gravelly silty sand, red brown silt, brown silt); red brown, brown, to gray silt; brown silty clay; and tan silt (partially weathered rock - PWR). Dark gray organic material was encountered from three to four feet in boring B-9. Dark gray silt with gravel and a petroleum odor was encountered to three feet bgs in boring B-11. Probe refusal (PWR or rock) was encountered in boreholes B-6 at 15.5 feet, B-12 at 15 feet, and B-13 at 14 feet. The boreholes were filled with bentonite following completion of field activities.

Portions of the soil samples collected from the boreholes were placed into baggies and allowed to heat up for about 15 minutes and then the probe of a Bacharach TLV meter was inserted into the baggies and the organic vapor reading recorded. The organic vapor readings in the soil samples ranged from 26 to 79 parts per million (ppm). Representative soil samples from borings B-1 through B-5 and B-7 through B-13 were placed into sample containers, labeled, and placed into a cooler containing ice.

Wet soils and/or water were encountered in boreholes B-2, B-4, B-6, and B-9 at depths of approximately three to four feet bgs. A water sample was collected in boring B-6 by inserting polyethylene tubing into the borehole and pumping water from the hole. The sample was immediately placed into laboratory prepared containers. The sample containers were labeled with the project name and number, the sampler's name, and the time and date of sample collection. The filled sample containers were placed into a cooler. Plastic bags containing ice were packed around the sample containers.

The soil and water samples were transported to Test America in Nashville, Tennessee for analysis. A chain-of-custody form was maintained with the samples. The samples were analyzed for volatile organic compounds (VOCs) by Method 8260 and semi-volatile organic compounds (SVOCs) by Method 8270.

Laboratory Results

The results of the laboratory analysis are summarized below:

- No VOCs were detected in the soil samples obtained from borings B-1, B-3, B-4, B-7, B-10, B-12, and B-13. Acetone was detected in the soil sample from boring B-2. Carbon disulfide was detected in the soil samples collected from borings B-8 and B-11. Vinyl chloride was detected in the soil sample from Boring B-5.
- No SVOCs were detected in the soil samples obtained from borings B-1 through B-4, B-7, B-8, B-10, B-12, and B-13. Several SVOCs (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene) were detected in the soil samples collected from borings B-5, B-9, and B-11.
- No SVOCs were detected in the water sample collected from boring B-6. Two VOCs (tetrachloroethene at 2.4 micrograms per liter – ug/L and trichlorofluoromethane at 2.2 ug/L) were detected in the water sample collected from boring B-6.

The laboratory report and chain of custody form are presented in the Appendix. Table 1 presents a summary of the constituents detected in the soil.

Conclusions and Recommendations

Acetone and carbon disulfide were detected in the several soil samples collected from the site (borings B-2, B-8, B-11). Acetone and carbon disulfide are common laboratory contaminants; it is our opinion that the presence of these constituents is not indicative of a release at the site.

Several VOC and SVOCs were detected in the soil samples from borings B-2, B-5, B-8, B-9, and B-11. The low concentrations of VOC and SVOCs detected do not appear to represent a significant environmental concern. However, the concentrations of vinyl chloride in the soil sample collected from boring B-5 and benzo(a)pyrene in the soil samples collected from borings B-5, B-9, and B-11 are above the North Carolina Department of Environmental and Natural Resources (NCDENR) action levels. Benzo(a)pyrene and vinyl chloride were not detected in the water sample collected from boring B-6. Groundwater sampling would be necessary in the areas of B-5, B-9, and B-11 to determine if the low levels of these two constituents in the soil has impacted the groundwater at the site. If the groundwater is not impacted at concentrations above the State action levels and there are

no receptors (water supply wells, surface water, subsurface utilities, etc.) in the area, it is likely that the NCDENR would classify the site as Industrial and no soil remediation would be required since the action level for benzo(a)pyrene in an industrial setting is 0.780 mg/kg and none of the three sample concentrations exceeded this level.

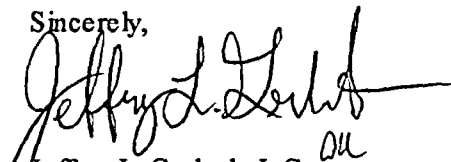
Trichlorofluoromethane was detected in the water sample collected from boring B-6. Trichlorofluoromethane is a common field and laboratory contaminant; it is our opinion that the presence of this constituent is not indicative of a release at the site. In addition, the concentration of trichlorofluoromethane detected in the water sample collected from boring B-6 was below the NCDENR 2L Groundwater Standard of 2,100 ug/L.

The concentration of tetrachloroethene (2.4 ug/L) detected in the water sample collected from boring B-6 was slightly above the NCDENR 2L Groundwater Standard of 0.7 ug/L. However, the water sample was collected using a Geoprobe sampling device equipped with a direct sample extraction probe and tubing that collects a groundwater sample directly from the water surface at the time of sampling. The direct extraction method is a commonly used method, as a means of efficiency and cost-effectiveness, to provide a preliminary screening evaluation for the presence of contaminants. The method is considered by the state regulatory authority, to be a screening methodology and as such, a positive indication of groundwater contamination warrants that a more definitive sampling methodology be subsequently used as a measure of confirmation of the original results.

Blue Ridge recommends that the water be resampled in the area of B-6 using a monitoring well and a more thorough purging of the monitoring well prior to sampling. If tetrachloroethene is detected in the well at a concentration above the State standard after a thorough purging, then the results should be reported to the NCDENR and additional assessment will likely be required.

Please contact the undersigned if you have any questions concerning this report or this project.

Sincerely,

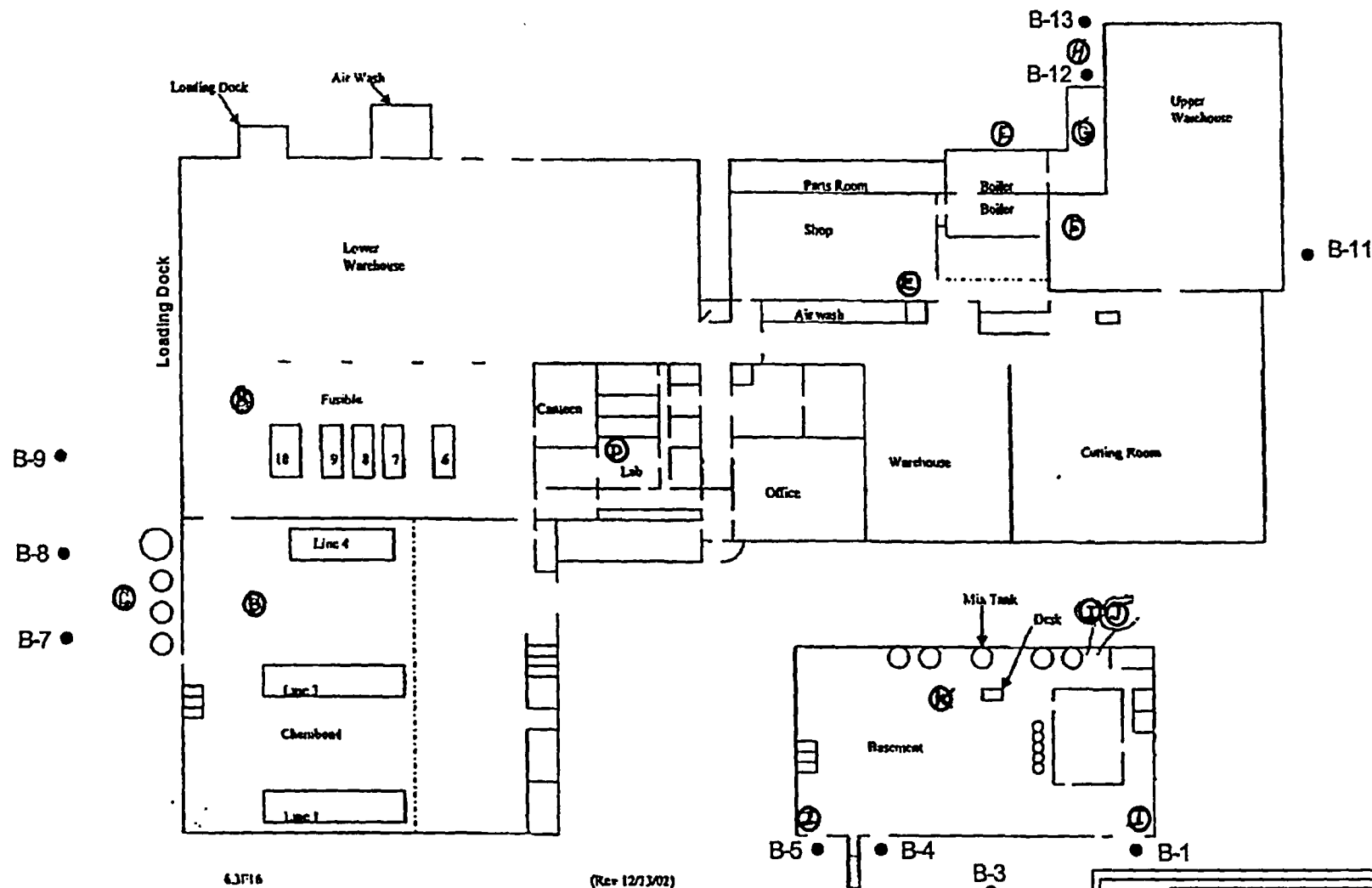

Jeffrey L. Gerlock, L.G.
NC Licensed Geologist #1141

APPENDIX

FIGURE

TABLE

LABORATORY REPORT



Scale: NTS
 Ref: Building plans provided by Fiber Dynamics.

LEGEND

- | | |
|-------------------------------------|---|
| A = Propane AST | H = 20,000-gal Fuel Oil UST (abandoned) |
| B = 55-gal Oil Expansion Drums | I = 55-gal Drums of Oil |
| C = Acrylic Latex ASTs | J = 55-gal Drums of Perchloroethylene |
| D = Dry Cleaning Machine | K = Wastewater Treatment Pit and Tanks |
| E = Parts Washer/Degreasing Station | L = Trash Compactor |
| F = Compressors | M = Roll off w/Wastewater Sludge |
| G = 20,000-gal #2 Fuel Oil UST | |
| • = Soil Sample Location | ⊙ = Groundwater Sample Location |



Sample Location Map

Fiber Dynamics
 200 South West Point Avenue
 High Point, North Carolina

Project No. 593 | Figure 1

TABLE 1
SUMMARY OF SOIL SAMPLING RESULTS

Parameter		Analytical Results					Cleanup Levels				
Sample ID		B-2	B-5	B-8	B-9	B-11	Residential	Industrial/	Soil to	NC HWS	USEPA Region 9
Sample Depth (ft, bgs)	Analytical	1 - 3	1 - 3	2 - 3	3 - 4	3 - 4	MSCC	Commercial	Groundwater	SSL	Residential
Collection Date	Method	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	MSCC	MSCC	MSCC		RBL
Volatile Organic Compounds											
Acetone	8260	0.0526	ND	ND	ND	ND	1564	40,880	3	2.8	1600
Carbon disulfide	8260	ND	ND	0.00545	ND	0.00494	1564	40,880	4	4.94	360
Vinyl Chloride	8260	ND	0.0023	ND	ND	ND	NE	NE	NE	0.0000952	0.079
Total VOCs		0.0526	0.0023	0.00545	ND	0.00494	NE	NE	NE	NE	NE
Semi-Volatile Organic Compounds											
Benzo(a) anthracene	8270	ND	0.085	ND	0.163	0.268	0.88	8	0.340	0.343	0.62
Benzo(a) pyrene	8270	ND	0.1	ND	0.213	0.359	0.088	0.780	0.091	0.0928	0.062
Benzo(b)fluoranthene	8270	ND	0.132	ND	0.176	0.453	0.88	8	1	1.18	0.62
Benzo(k)fluoranthene	8270	ND	0.1	ND	0.16	0.301	9	78	12	11.8	6.2
Benzo(g,h,i)perylene	8270	ND	0.104	ND	0.138	0.28	469	12264	6720	NE	NE
Chrysene	8270	ND	0.097	ND	0.163	0.248	88	780	38	38.15	62
Fluoranthene	8270	ND	0.189	ND	0.339	0.578	620	16400	276	276	2300
Indeno(1,2,3-cd)pyrene	8270	ND	0.089	ND	0.117	0.28	0.88	8	3	3.32	0.62
Phenanthrene	8270	ND	0.109	ND	0.209	0.157	469	12264	60	59.6	NE
Pyrene	8270	ND	0.186	ND	0.272	0.453	469	12264	286	286	2300
Total SVOCs		ND	1.191	ND	1.950	3.377	NE	NE	NE	NE	NE

Notes:

All concentrations are in milligrams per kilogram (mg/kg)

ft, bgs - feet below ground surface

Samples B-1, B-4, B-10, B-12, and B-13 were ND for 8260 and 8270.

ND - Not Detected

N/A - Not Applicable

NE - Not Established

MSCC = Maximum Soil Contaminant Concentration

NC HWS SSL - North Carolina Hazardous Waste Section Soil Screening Level

RBL = Risk Based Level

Bold values are above the NC HWS SSLs.

10/18/04

CASE NARRATIVE

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: FIBER
Project Number: .
Laboratory Project Number: 392126.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. Any QC recoveries outside laboratory control limits are flagged individually with an #. Sample specific comments and quality control statements are included in the Laboratory notes section of the analytical report for each sample report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

Sample Identification		Page 1	
-----		Collection Date	
		Lab Number	
		-----	-----
B-6	04-A154887		9/29/04
B-1	04-A154888		9/29/04
B-2	04-A154889		9/29/04
B-4	04-A154890		9/29/04
B-5	04-A154891		9/29/04
B-8	04-A154892		9/29/04
B-9	04-A154893		9/29/04
B-10	04-A154894		9/29/04
B-11	04-A154895		9/29/04
B-12	04-A154896		9/29/04
B-13	04-A154897		9/29/04

Sample Identification

Lab Number

Page 2

Collection Date

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By:

Johnny A. Mitchell

Report Date: 10/18/04

Johnny A. Mitchell, Operations Manager
Michael H. Dunn, M.S., Technical Director
Pamela A. Langford, Technical Services
Eric S. Smith, QA/QC Director
Sandra McMillin, Technical Services

Gail A. Lage, Technical Services
Glenn L. Norton, Technical Services
Kelly S. Comstock, Technical Services
Roxanne L. Connor, Technical Services

Laboratory Certification Number: 387

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ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154893
Sample ID: B-9
Sample Type: Soil
Site ID:

Date Collected: 9/29/04
Time Collected: 10:55
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80.2	%		1.0	10/7/04	13:32	B. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Acenaphthene	ND	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Anthracene	ND	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Fluoranthene	0.339	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Fluorene	ND	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Pyrene	0.272	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Benzo(a)anthracene	0.163	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Benzo(a)pyrene	0.213	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Benzo(b)fluoranthene	0.174	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Benzo(k)fluoranthene	0.160	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Chrysene	0.163	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Dibenzo(a,h)anthracene	ND	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Indeno(1,2,3-cd)pyrene	0.117	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Acenaphthylene	ND	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Benzo(g,h,i)perylene	0.138	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
Phenanthrene	0.209	mg/kg	0.084	1.0	10/13/04	20:57	R. Beard	8270C	8456
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Benzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Bromobenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154893
Sample ID: B-9
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromoform	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Bromomethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
2-Butanone	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
n-Butylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
sec-Butylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
tert-Butylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
Carbon disulfide	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
Carbon tetrachloride	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Chlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Chloroethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Chloroform	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Chloromethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
2-Chlorotoluene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
4-Chlorotoluene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2-Dibromomethane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Dichlorodifluoromethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2-Dichloropropane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,3-Dichloropropane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1-Dichloropropene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Hexachlorobutadiene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
2-Hexanone	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154893
Sample ID: B-9
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
4-Isopropyltoluene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	mg/kg	0.00833	1.0	10/13/04	18:17	J. Adams	8260B	8456
Methylene chloride	ND	mg/kg	0.0041	1.0	10/13/04	18:17	J. Adams	8260B	8456
Naphthalene	ND	mg/kg	0.00416	1.0	10/13/04	18:17	J. Adams	8260B	8456
n-Propylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
Styrene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Tetrachloroethene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Toluene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Trichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
1,3,5-Trimethylbenzene	ND	mg/kg	0.00167	1.0	10/13/04	18:17	J. Adams	8260B	8456
Vinyl chloride	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Xylenes (Total)	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Bromodichloromethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456
Trichlorofluoromethane	ND	mg/kg	0.0016	1.0	10/13/04	18:17	J. Adams	8260B	8456

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
BRA's	29.8 gm	1.0 ml	10/ 9/04			K. Turner	3550
Volatile Organics	7.48 g	5.0 ml	9/29/04	10:59		Fitzwater	5035

Sample report continued . . .

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TestAmerica Analytical Testing Corporation | TestAmerica Drilling Corporation | TestAmerica Air Emission Corporation

ANALYTICAL REPORT

Laboratory Number: 04-A154893
Sample ID: B-9
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd	96.	72. - 134.
VOA Surr Toluene-d8	95.	76. - 122.
VOA Surr, 4-BFB	108.	60. - 138.
VOA Surr, DBFK	95.	75. - 137.
BRA Surr-Nitrobenzene-d5	75.	23. - 121.
BRA Surr-2-Fluorobiphenyl	81.	45. - 101.
BRA Surr-Terphenyl-d14	76.	48. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

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ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154895
Sample ID: B-11
Sample Type: Soil
Site ID:

Date Collected: 9/29/04
Time Collected: 11:50
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80.3	%		1.0	10/7/04	13:32	R. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Acenaphthene	ND	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Anthracene	ND	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Fluoranthene	0.578	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Fluorene	ND	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Pyrene	0.453	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Benzo(a)anthracene	0.268	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Benzo(a)pyrene	0.359	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Benzo(b)fluoranthene	0.453	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Benzo(k)fluoranthene	0.301	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Chrysene	0.248	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Dibenzo(a,h)anthracene	ND	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Indeno(1,2,3-cd)pyrene	0.280	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Acenaphthylene	ND	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Benzo(g,h,i)perylene	0.280	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
Phenanthrene	0.157	mg/kg	0.082	1.0	10/13/04	21:55	R. Beard	8270C	4788
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0370	1.0	10/13/04	19:19	J. Adams	8260B	8456
Benzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Bromobenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154895
Sample ID: B-11
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromoform	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Bromomethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
2-Butanone	ND	mg/kg	0.0370	1.0	10/13/04	19:19	J. Adams	8260B	8456
n-Butylbenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
sec-Butylbenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
tert-Butylbenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
Carbon disulfide	0.00494	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
Carbon tetrachloride	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Chlorobenzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Chloroethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Chloroform	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Chlorothane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
2-Chlorotoluene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
4-Chlorotoluene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00370	1.0	10/13/04	19:19	J. Adams	8260B	8456
Dibromochloromethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2-Dibromoethane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
Dibromomethane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2-Dichlorobenzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Dichlorodifluoromethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2-Dichloropropane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,3-Dichloropropane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1-Dichloropropene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Hexachlorobutadiene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
2-Hexanone	ND	mg/kg	0.00370	1.0	10/13/04	19:19	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154895
Sample ID: B-11
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
4-Isopropyltoluene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	mg/kg	0.00738	1.0	10/13/04	19:19	J. Adams	8260B	8456
Methylene chloride	ND	mg/kg	0.0037	1.0	10/13/04	19:19	J. Adams	8260B	8456
Naphthalene	ND	mg/kg	0.00370	1.0	10/13/04	19:19	J. Adams	8260B	8456
n-Propylbenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
Styrene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Tetrachloroethene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Toluene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Trichloroethene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
1,3,5-Trimethylbenzene	ND	mg/kg	0.00148	1.0	10/13/04	19:19	J. Adams	8260B	8456
Vinyl chloride	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Xylenes (Total)	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Bromodichloromethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456
Trichlorofluoromethane	ND	mg/kg	0.0015	1.0	10/13/04	19:19	J. Adams	8260B	8456

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	10.9 gm	1.3 ml	10/ 9/04			K. Turner	3550
Volatile Organics	8.43 g	5.3 ml	9/29/04	11:50		Fitzwater	5035

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154895
Sample ID: B-11
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr. 1,2-DCAd	99.	72. - 134.
VOA Surr Toluene-d8	94.	76. - 122.
VOA Surr. 4-BFB	119.	69. - 138.
VOA Surr. DBFM	96.	75. - 137.
BNA Surr-Mitrobenzene-d5	75.	23. - 121.
BNA Surr-2-Fluorobiphenyl	87.	45. - 101.
BNA Surr-Terphenyl-d14	79.	48. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154887
Sample ID: B-6
Sample Type: Water
Site ID:

Date Collected: 9/29/04
Time Collected: 13:55
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Naphthalene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Acenaphthene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Anthracene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Fluoranthene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Fluorene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Pyrene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Benzo(a)anthracene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Benzo(a)pyrene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Benzo(b)fluoranthene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Benzo(k)fluoranthene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Chrysene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Dibenzo(a,h)anthracene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Indeno(1,2,3-cd)pyrene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Acenaphthylene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Benzo(g,h,i)perylene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
Phenanthrene	ND	ug/l	2.0	1.0	10/10/04	21:48	M.Schott	8270C	3773
VOLATILE ORGANICS									
Benzene	ND	ug/l	1.0	1.0	10/9/04	23:45	B.Herford	8260B	4837
Toluene	ND	ug/l	1.0	1.0	10/9/04	23:45	B.Herford	8260B	4837
Ethylbenzene	ND	ug/l	1.0	1.0	10/9/04	23:45	B.Herford	8260B	4837
Xylenes (Total)	ND	ug/l	1.0	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,2-Dibromomethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Naphthalene	ND	ug/l	5.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Acetone	ND	ug/l	25.0	1.0	10/9/04	23:45	B.Herford	8260B	4837
Bromobenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154887
Sample ID: B-6
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromochloromethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Bromoform	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Bromomethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
2-Butanone	ND	ug/l	25.0	1.0	10/9/04	23:45	B.Herford	8260B	4837
n-Butylbenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
sec-Butylbenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
tert-Butylbenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Carbon disulfide	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Carbon tetrachloride	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Chlorobenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Chloroethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Chloroform	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Chloromethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
2-Chlorotoluene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
4-Chlorotoluene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,2-Dibromo-3-chloropropane	ND	ug/l	9.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Dibromochloromethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Dibromomethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,2-Dichlorobenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,3-Dichlorobenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,4-Dichlorobenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Dichlorodifluoromethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,1-Dichloroethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,2-Dichloroethane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,1-Dichloroethene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
cis-1,2-Dichloroethene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
trans-1,2-Dichloroethene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,2-Dichloropropane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,3-Dichloropropane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
2,2-Dichloropropane	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
1,1-Dichloropropene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
cis-1,3-Dichloropropene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
trans-1,3-Dichloropropene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Hexachlorobutadiene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
2-Hexanone	ND	ug/l	5.00	1.0	10/9/04	23:45	B.Herford	8260B	4837
Isopropylbenzene	ND	ug/l	1.00	1.0	10/9/04	23:45	B.Herford	8260B	4837

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154887
Sample ID: B-6
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
p-Isopropyltoluene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
4-Methyl-2-pentanone	ND	ug/l	5.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Methylene chloride	ND	ug/l	2.50	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
n-Propylbenzene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Styrene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,1,1,2-Tetrachloroethane	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,1,2,2-Tetrachloroethane	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Tetrachloroethene	2.40	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,2,3-Trichlorobenzene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,2,4-Trichlorobenzene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,1,1-Trichloroethane	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,1,2-Trichloroethane	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Trichloroethene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,2,3-Trichloropropane	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,2,4-Trimethylbenzene	ND	ug/l	1.0	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
1,3,5-Trimethylbenzene	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Vinyl chloride	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Bromodichloromethane	ND	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837
Trichlorofluoromethane	2.20	ug/l	1.00	1.0	10/ 9/04	23:45	B.Herford	8260B	4837

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BRA's	550. ml	1.0 ml	10/ 9/04		X. Turner	3510/625

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	73. - 127.
VOA Surr Toluene-d8	91.	79. - 113.

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154887
Sample ID: B-6
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr. 4-BFB	93.	79. - 125.
VOA Surr. DBPM	102.	75. - 134.
BRA Surr-Mitrobenzene d5	76.	31. - 112.
BRA Surr-2-Fluorobiphenyl	82.	47. - 93.
BRA Surr-Terphenyl-d14	100.	10. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154888
Sample ID: B-1
Sample Type: Soil
Site ID:

Date Collected: 9/29/04
Time Collected: 9:20
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	75.9	%		1.0	10/7/04	13:32	B. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Acenaphthene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Anthracene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Fluoranthene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Fluorene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Pyrene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Benzo(a)anthracene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Benzo(a)pyrene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Benzo(b)fluoranthene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Benzo(k)fluoranthene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Chrysene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Pibeno(a,h)anthracene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Acenaphthylene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Benzo(g,h,i)perylene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
Phenanthrene	ND	mg/kg	0.007	1.0	10/13/04	19:58	R. Beard	8270C	4788
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0534	1.0	10/13/04	15:40	J. Yun	8260B	7841
Benzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Bromobenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
Bromochloromethane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154888
Sample ID: B-1
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromocloro	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Bromomethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
2-Butanone	ND	mg/kg	0.0534	1.0	10/13/04	15:40	J. Yun	8260B	7841
n-Butylbenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
sec-Butylbenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
tert-Butylbenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
Carbon disulfide	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
Carbon tetrachloride	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Chlorobenzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Chloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Chloroform	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Chloromethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
2-Chlorotoluene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
4-Chlorotoluene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00534	1.0	10/13/04	15:40	J. Yun	8260B	7841
Dibromochloromethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2-Dibromoethane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
Dibromomethane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2-Dichlorobenzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,3-Dichlorobenzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,4-Dichlorobenzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Dichlorodifluoromethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1-Dichloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2-Dichloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1-Dichloroethene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
cis-1,2-Dichloroethene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
trans-1,2-Dichloroethene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2-Dichloropropane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,3-Dichloropropane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
2,2-Dichloropropane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1-Dichloropropene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
cis-1,3-Dichloropropene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
trans-1,3-Dichloropropene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Ethylbenzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Hexachlorobutadiene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
2-Hexanone	ND	mg/kg	0.3107	1.0	10/13/04	15:40	J. Yun	8260B	7841

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154888
Sample ID: B-1
Project:
Page 3

Analyte	Result	Unit	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
4-Isopropyltoluene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
4-Methyl-2-pentanone	ND	mg/kg	0.0107	1.0	10/13/04	15:40	J. Yun	8260B	7841
Methylene Chloride	ND	mg/kg	0.0054	1.0	10/13/04	15:40	J. Yun	8260B	7841
Naphthalene	ND	mg/kg	0.00534	1.0	10/13/04	15:40	J. Yun	8260B	7841
n-Propylbenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
Styrene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Tetrachloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Toluene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2,3-Trichlorobenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2,4-Trichlorobenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1,1-Trichloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,1,2-Trichloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Trichloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2,3-Trichloropropane	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,2,4-Trimethylbenzene	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
1,3,5-Trimethylbenzene	ND	mg/kg	0.00213	1.0	10/13/04	15:40	J. Yun	8260B	7841
Vinyl chloride	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Xylenes (Total)	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Bromodichloroethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841
Trichlorofluoromethane	ND	mg/kg	0.0021	1.0	10/13/04	15:40	J. Yun	8260B	7841

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	10/ 9/04			K. Turner	3550
Volatile Organics	6.17 g	1.0 ml	9/29/04	9:20		Fitzwater	5035

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154888
Sample ID: B-1
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr. 1,2-DCAd	105.	72. - 134.
VOA Surr Toluene-d8	108.	76. - 122.
VOA Surr. 4-BFB	99.	69. - 138.
VOA Surr. DBFM	93.	75. - 137.
BNA Surr-Nitrobenzene-d5	77.	33. - 121.
BNA Surr-2-Fluorobiphenyl	86.	45. - 101.
BNA Surr-Terphenyl-d14	85.	48. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154889
Sample ID: B-2
Sample Type: Soil
Site ID:

Date Collected: 9/29/04
Time Collected: 9:25
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	93.6	%		1.0	10/7/04	13:32	B. Plett	CLP	2035
VOLATILE ORGANICS									
Acetone	0.0526	mg/kg	0.0421	1.0	10/13/04	16:09	J. Yun	8260B	7841
Benzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Bromobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Bromochloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Bromoform	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Bromomethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
2-Butanone	ND	mg/kg	0.0421	1.0	10/13/04	16:09	J. Yun	8260B	7841
n-Butylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
sec-Butylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
tert-Butylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Carbon disulfide	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Carbon tetrachloride	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Chlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Chloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Chloroform	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Chloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
2-Chlorotoluene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
4-Chlorotoluene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00421	1.0	10/13/04	16:09	J. Yun	8260B	7841
Dibromochloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2-Dibromoethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Dibromomethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154889
Sample ID: B-2
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,3-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,4-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Dichlorodifluoromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1-Dichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2-Dichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
cis-1,2-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
trans-1,2-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2-Dichloropropane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,3-Dichloropropane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
2,2-Dichloropropane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
cis-1,3-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
trans-1,3-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Ethylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Hexachlorobutadiene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
2-Hexanone	ND	mg/kg	0.00842	1.0	10/13/04	16:09	J. Yun	8260B	7841
Isopropylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
4-Isopropyltoluene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
4-Methyl-2-pentanone	ND	mg/kg	0.00842	1.0	10/13/04	16:09	J. Yun	8260B	7841
Methylene chloride	ND	mg/kg	0.0043	1.0	10/13/04	16:09	J. Yun	8260B	7841
Naphthalene	ND	mg/kg	0.00421	1.0	10/13/04	16:09	J. Yun	8260B	7841
n-Propylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Styrene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Tetrachloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Toluene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2,3-Trichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2,4-Trichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1,1-Trichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,1,2-Trichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Trichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2,3-Trichloropropane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
1,2,4-Trimeethylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154889
Sample ID: B-2
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3,5-Trimethylbenzene	ND	mg/kg	0.00168	1.0	10/13/04	16:09	J. Yun	8260B	7841
Vinyl chloride	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Xylenes (Total)	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Bromodichloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841
Trichlorofluoromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:09	J. Yun	8260B	7841

Sample Extraction Data

Parameter	Mt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	6.49 g	5.0 ml	9/29/04	9:25	Fitzwater	5035

Surrogate	% Recovery	Target Range
VOA Surr. 1,2-DCM4	108.	72. - 134.
VOA Surr Toluene-d8	118.	76. - 127.
VOA Surr. 4-BFB	99.	60. - 138.
VOA Surr. DBP	92.	75. - 137.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154890
Sample ID: B-4
Sample Type: Soil
Site ID:

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Date Collected: 9/29/04
Time Collected: 9:40
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	87.1	%		1.0	10/7/04	13:22	B. Plett	CLP	2035
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0394	1.0	10/13/04	16:44	J. Adams	8260B	8456
Benzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Bromobenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
Bromoform	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Bromomethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
2-Butanone	ND	mg/kg	0.0394	1.0	10/13/04	16:44	J. Adams	8260B	8456
n-Butylbenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
sec-Butylbenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
tert-Butylbenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
Carbon disulfide	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
Carbon tetrachloride	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Chlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Chloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Chloroform	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Chloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
2-Chlorotoluene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
4-Chlorotoluene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00394	1.0	10/13/04	16:44	J. Adams	8260B	8456
Dibromochloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2-Dibromoethane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
Dibromomethane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154890
Sample ID: B-4
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Dichlorodifluoromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2-Dichloropropane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
2,3-Dichloropropane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1-Dichloropropene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Hexachlorocyclodiene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
2-Hexanone	ND	mg/kg	0.00789	1.0	10/13/04	16:44	J. Adams	8260B	8456
Isopropylbenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
4-Isopropyltoluene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	mg/kg	0.00789	1.0	10/13/04	16:44	J. Adams	8260B	8456
Methylene chloride	ND	mg/kg	0.0039	1.0	10/13/04	16:44	J. Adams	8260B	8456
Naphthalene	ND	mg/kg	0.00394	1.0	10/13/04	16:44	J. Adams	8260B	8456
n-Propylbenzene	ND	mg/kg	0.00397	1.0	10/13/04	16:44	J. Adams	8260B	8456
Styrene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Tetrachloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Toluene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Trichloroethene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154890
Sample ID: B-4
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3,5-Trimethylbenzene	ND	mg/kg	0.00157	1.0	10/13/04	16:44	J. Adams	8260B	8456
Vinyl chloride	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Xylenes (Total)	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Bromodichloromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456
Trichlorofluoromethane	ND	mg/kg	0.0016	1.0	10/13/04	16:44	J. Adams	8260B	8456

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Volatiles Organics	7.28 g	5.0 ml	9/29/04	9:40	Fitzwater	S035	

Surrogate	% Recovery	Target Range
VOA Surr. 1,2-DCMds	89.	72. - 134.
VOA Surr Toluene-d8	94.	76. - 122.
VOA Surr. 4-BFB	107.	60. - 138.
VOA Surr. DBPM	93.	75. - 117.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
E = Estimated Value below Report Limit.
J = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154891
Sample ID: B-5
Sample Type: Soil
Site ID:

Date Collected: 9/29/04
Time Collected: 9:55
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	86.6	%		1.0	10/7/04	13:32	B. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Acenaphthene	ND	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Anthracene	ND	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Fluoranthene	0.189	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Fluorene	ND	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Pyrene	0.186	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Benzo(a)anthracene	0.085	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Benzo(a)pyrene	0.100	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Benzo(b)fluoranthene	0.132	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Benzo(k)fluoranthene	0.100	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Chrysene	0.097	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Dibenz(a,h)anthracene	ND	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Indeno(1,2,3-cd)pyrene	0.089	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Acenaphthylene	ND	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Benzo(g,h,i)perylene	0.104	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
Phenanthrene	0.109	mg/kg	0.077	1.0	10/13/04	20:27	R. Beard	#270C	4788
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0436	1.0	10/13/04	17:15	J. Adams	#260B	8456
Benzene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Bromobenzene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
Bromochloromethane	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154891
Sample ID: B-5
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromoform	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Bromomethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
2-Butanone	ND	mg/kg	0.0436	1.0	10/13/04	17:15	J. Adams	#260B	8456
n-Butylbenzene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
sec-Butylbenzene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
tert-Butylbenzene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
Carbon disulfide	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
Carbon tetrachloride	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Chlorobenzene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Chloroethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Chloroform	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Chloromethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
2-Chlorotoluene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
4-Chlorotoluene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00436	1.0	10/13/04	17:15	J. Adams	#260B	8456
Dibromochloromethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,2-Dibromoethane	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
Dibromomethane	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,2-Dichlorobenzene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Dichlorodifluoromethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,2-Dichloropropane	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,3-Dichloropropane	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
1,1-Dichloropropene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Ethylbenzene	ND	mg/kg	0.0017	1.0	10/13/04	17:15	J. Adams	#260B	8456
Hexachlorobutadiene	ND	mg/kg	0.00174	1.0	10/13/04	17:15	J. Adams	#260B	8456
2-Hexanone	ND	mg/kg	0.00873	1.0	10/13/04	17:15	J. Adams	#260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154891
Sample ID: B-5
Project:
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Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
4-Isopropyltoluene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	ug/kg	0.00873	1.0	10/13/04	17:15	J. Adams	8260B	8456
Methylene chloride	ND	ug/kg	0.0044	1.0	10/13/04	17:15	J. Adams	8260B	8456
Naphthalene	ND	ug/kg	0.00436	1.0	10/13/04	17:15	J. Adams	8260B	8456
n-Propylbenzene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
Styrene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
Tetrachloroethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
Toluene	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
Trichloroethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
1,3,5-Trimethylbenzene	ND	ug/kg	0.00174	1.0	10/13/04	17:15	J. Adams	8260B	8456
Vinyl chloride	0.0023	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
Xylenes (Total)	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
Bromodichloromethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456
Trichlorofluoromethane	ND	ug/kg	0.0017	1.0	10/13/04	17:15	J. Adams	8260B	8456

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.9 gm	3.0 ml	10/ 9/04		K. Turner	3550
Volatiles Organics	6.61 g	5.0 ml	9/29/04	9:55	Fitzwater	5035

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154891
Sample ID: B-5
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCADE	95.	72. - 134.
VOA Surr Toluene-d8	96.	76. - 122.
VOA Surr, 4-BPB	112.	62. - 138.
VOA Surr, DBPM	95.	73. - 137.
BNA Surr-Nitrobenzene-d5	74.	23. - 121.
BNA Surr-2-Fluorobiphenyl	97.	45. - 101.
BNA Surr-Terphenyl-d14	84.	48. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154892
Sample ID: B-8
Sample Type: Soil
Site ID:

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Date Collected: 9/29/04
Time Collected: 10:20
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	82.6	%		1.0	10/7/04	13:32	B. Platt	CLP	2035
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0447	1.0	10/13/04	17:46	J. Adams	8260B	8456
Benzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Bromobenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Bromoform	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Bromomethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
2-Butanone	ND	mg/kg	0.3447	1.0	10/13/04	17:46	J. Adams	8260B	8456
n-Butylbenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
sec-Butylbenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
tert-Butylbenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Carbon disulfide	0.00145	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Carbon tetrachloride	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Chlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Chloroethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Chloroform	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Chloromethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
2-Chlorotoluene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
4-Chlorotoluene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00447	1.0	10/13/04	17:46	J. Adams	8260B	8456
Dibromochloromethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2-Dibromoethane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Dibromomethane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154892
Sample ID: B-8
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,2-Dichlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Dichlorodifluoromethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2-Dichloropropane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,3-Dichloropropane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2-Dichloropropene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Hexachlorobutadiene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
2-Hexanone	ND	mg/kg	0.00892	1.0	10/13/04	17:46	J. Adams	8260B	8456
Isopropylbenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
4-Isopropyltoluene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	mg/kg	0.30892	1.0	10/13/04	17:46	J. Adams	8260B	8456
Methylene chloride	ND	mg/kg	0.00447	1.0	10/13/04	17:46	J. Adams	8260B	8456
Naphthalene	ND	mg/kg	0.00447	1.0	10/13/04	17:46	J. Adams	8260B	8456
n-Propylbenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Styrene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Tetrachloroethene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Toluene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Trichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	mg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	mg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154892
Sample ID: B-8
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
1,3,5-Trimethylbenzene	ND	wg/kg	0.00178	1.0	10/13/04	17:46	J. Adams	8260B	8456
Vinyl chloride	ND	wg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Xylenes (Total)	ND	wg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Bromodichloromethane	ND	wg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456
Trichlorofluoromethane	ND	wg/kg	0.0018	1.0	10/13/04	17:46	J. Adams	8260B	8456

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
Volatile Organics	6.78 g	5.0 ml	9/29/04	10:20	Fitzwater	5075

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCM34	93.	72. - 134.
VOA Surr Toluene-d8	94.	76. - 122.
VOA Surr, 4-BFB	109.	60. - 138.
VOA Surr, DBPM	94.	75. - 137.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154894
Sample ID: B-10
Sample Type: Soil
Site ID:

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Date Collected: 9/29/04
Time Collected: 11:25
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	69.2	%		1.0	10/7/04	13:32	B. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Acenaphthene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Anthracene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Fluoranthene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Fluorene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Pyrene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Benzo(a)anthracene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Benzo(a)pyrene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Benzo(b)fluoranthene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Benzo(k)fluoranthene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Chrysene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Dibenzo(a,h)anthracene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Indeno(1,2,3-cd)pyrene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Acenaphthylene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Benzo(g,h,i)perylene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
Phenanthrene	ND	wg/kg	0.097	1.0	10/13/04	21:26	R. Beard	8270C	4788
VOLATILE ORGANICS									
Acetone	ND	wg/kg	0.0617	1.0	10/13/04	18:48	J. Adams	8260B	8456
Benzene	ND	wg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Bromobenzene	ND	wg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
Bromochloromethane	ND	wg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154894
Sample ID: B-10
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromoform	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Bromomethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
2-Butanone	ND	mg/kg	0.0617	1.0	10/13/04	18:48	J. Adams	8260B	8456
n-Butylbenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
sec-Butylbenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
tert-Butylbenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
Carbon disulfide	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
Carbon tetrachloride	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Chlorobenzene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Chloroethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Chloroform	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Chloromethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
2-Chlorotoluene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
4-Chlorotoluene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00617	1.0	10/13/04	18:48	J. Adams	8260B	8456
Dibromochloromethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2-Dibromoethane	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
Dibromomethane	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2-Dichlorobenzene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Dichlorodifluoromethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2-Dichloropropane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,3-Dichloropropane	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1-Dichloropropene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Hexachlorobutadiene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
2-Hexanone	ND	mg/kg	0.0124	1.0	10/13/04	18:48	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154894
Sample ID: B-10
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
4-Isopropyltoluene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	mg/kg	0.0124	1.0	10/13/04	18:48	J. Adams	8260B	8456
Methylene chloride	ND	mg/kg	0.0062	1.0	10/13/04	18:48	J. Adams	8260B	8456
Naphthalene	ND	mg/kg	0.00617	1.0	10/13/04	18:48	J. Adams	8260B	8456
n-Propylbenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
Styrene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Tetrachloroethene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Toluene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Trichloroethene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
1,3,5-Trimethylbenzene	ND	mg/kg	0.00247	1.0	10/13/04	18:48	J. Adams	8260B	8456
Vinyl chloride	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Xylenes (Total)	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Bromodichloromethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456
Trichlorofluoromethane	ND	mg/kg	0.0025	1.0	10/13/04	18:48	J. Adams	8260B	8456

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
RNA's	29.9 gm	1.0 ml		10/ 9/04		K. Turner	3550
Volatile Organics	5.05 g	5.0 ml		9/29/04	11:25	Fitzwater	5035

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154894
Sample ID: B-10
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd	98.	72. - 134.
VOA Surr Toluene-d8	93.	76. - 122.
VOA Surr, 4-BFB	106.	60. - 138.
VOA Surr, DBPN	97.	75. - 137.
BNA Surr-Mitrobenzene-d5	70.	23. - 121.
BNA Surr-2-Fluorobiphenyl	82.	45. - 101.
BNA Surr-Tetraphenyl-d14	89.	49. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154896
Sample ID: B-12
Sample Type: Soil
Site ID:

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Date Collected: 9/29/04
Time Collected: 12:10
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80.8	%		1.0	10/7/04	13:32	B. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Acenaphthene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Anthracene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Fluoranthene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Fluorene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Pyrene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Benzo(a)anthracene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Benzo(a)pyrene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Benzo(b)fluoranthene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Benzo(k)fluoranthene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Chrysene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Dibenzo(a,h)anthracene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Acenaphthylene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Benzo(g,h,i)perylene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
Phenanthrene	ND	mg/kg	0.083	1.0	10/13/04	22:24	R. Beard	8270C	4788
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0478	1.0	10/13/04	19:50	J. Adams	8260B	8456
Benzene	ND	mg/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Bromobenzene	ND	mg/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456

sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154896
Sample ID: B-12
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromoform	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Bromomethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
2-Butanone	ND	ug/kg	0.0478	1.0	10/13/04	19:50	J. Adams	8260B	8456
n-Butylbenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
sec-Butylbenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
tert-Butylbenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
Carbon disulfide	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
Carbon tetrachloride	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Chlorobenzene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Chloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Chloroform	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Chloromethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
2-Chlorotoluene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
4-Chlorotoluene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	ug/kg	0.00478	1.0	10/13/04	19:50	J. Adams	8260B	8456
Dibromochloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2-Dibromoethane	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
Dibromomethane	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2-Dichlorobenzene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Dichlorodifluoromethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1-Dichloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2-Dichloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1-Dichloroethene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2-Dichloropropane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,3-Dichloropropane	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
2,2-Dichloropropane	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1-Dichloropropene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Ethylbenzene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Hexachlorobutadiene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
2-Hexanone	ND	ug/kg	0.00955	1.0	10/13/04	19:50	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154896
Sample ID: B-12
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
4-Isopropyltoluene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	ug/kg	0.00955	1.0	10/13/04	19:50	J. Adams	8260B	8456
Methylene chloride	ND	ug/kg	0.0048	1.0	10/13/04	19:50	J. Adams	8260B	8456
Naphthalene	ND	ug/kg	0.00478	1.0	10/13/04	19:50	J. Adams	8260B	8456
n-Propylbenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
Styrene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Tetrachloroethene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Toluene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Trichloroethene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
1,3,5-Trimethylbenzene	ND	ug/kg	0.00191	1.0	10/13/04	19:50	J. Adams	8260B	8456
Vinyl chloride	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Xylenes (Total)	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Bromodichloromethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456
Trichlorofluoromethane	ND	ug/kg	0.0019	1.0	10/13/04	19:50	J. Adams	8260B	8456

Sample Extraction Data

Parameter	WT/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	1.0 ml	10/ 9/04			K. Turner	3550
Volatile Organics	6.48 g	5.0 ml	9/29/04 12:10			Pitawater	5035

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154896
Sample ID: B-12
Project:
Page 4

Surrogate	% Recovery	Target Range
VOA Surr. 1,2-DCAd4	95.	72. - 134.
VOA Surr Toluene-d8	93.	76. - 122.
VOA Surr. 4-BFB	107.	60. - 138.
VOA Surr. DBPM	95.	75. - 137.
BNA Surr-Nitrobenzene-d5	70.	23. - 121.
BKA Surr-2-Fluorobiphenyl	79.	45. - 101.
BNA Surr-Terphenyl-d14	80.	48. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
= Recovery outside Laboratory historical or method prescribed limits.
All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL REPORT

BLUE RIDGE GEOLOGICAL SERVICES 2943
JEFF GERLOCK
107 OAKLEY COURT
ARCHDALE, NC 27263

Lab Number: 04-A154897
Sample ID: B-13
Sample Type: Soil
Site ID:

Project:
Project Name: FIBER
Sampler: JEFF GERLOCK

Date Collected: 9/29/04
Time Collected: 12:30
Date Received: 10/7/04
Time Received: 7:50
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	89.0	%		1.0	10/7/04	11:32	B. Platt	CLP	2035
ORGANIC PARAMETERS									
Naphthalene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Acenaphthene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Anthracene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Fluoranthene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Fluorene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Pyrene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Benzo(a)anthracene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Benzo(a)pyrene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Benzo(b)fluoranthene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Benzo(k)fluoranthene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Chrysene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Dibenzo(a,h)anthracene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Acenaphthylene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Benzo(g,h,i)perylene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
Phenanthrene	ND	mg/kg	0.074	1.0	10/13/04	22:54	R. Beard	8270C	4788
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0455	1.0	10/13/04	20:21	J. Adams	8260B	8456
Benzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Bromobenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
Bromochloromethane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154897
Sample ID: B-13
Project:
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Bromoform	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Bromomethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
2-Butanone	ND	mg/kg	0.0455	1.0	10/13/04	20:21	J. Adams	8260B	8456
n-Butylbenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
sec-Butylbenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
tert-Butylbenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
Carbon disulfide	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
Carbon tetrachloride	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Chlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Chloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Chloroform	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Chloromethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
2-Chlorotoluene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
4-Chlorotoluene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.00185	1.0	10/13/04	20:21	J. Adams	8260B	8456
Dibromochloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2-Dibromoethane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
Dibromomethane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2-Dichlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,3-Dichlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,4-Dichlorobenzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Dichlorodifluoroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1-Dichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2-Dichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1-Dichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
cis-1,2-Dichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
trans-1,2-Dichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2-Dichloropropane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,3-Dichloropropane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
2,2-Dichloropropane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1-Dichloropropene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
cis-1,3-Dichloropropene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
trans-1,3-Dichloropropene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Ethylbenzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Hexachlorobutadiene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
2-Hexanone	ND	mg/kg	0.00910	1.0	10/13/04	20:21	J. Adams	8260B	8456

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154897
Sample ID: B-13
Project:
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Isopropylbenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
4-Isopropyltoluene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
4-Methyl-2-pentanone	ND	mg/kg	0.00910	1.0	10/13/04	20:21	J. Adams	8260B	8456
Methylene chloride	ND	mg/kg	0.0046	1.0	10/13/04	20:21	J. Adams	8260B	8456
Naphthalene	ND	mg/kg	0.00455	1.0	10/13/04	20:21	J. Adams	8260B	8456
n-Propylbenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
Styrene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Tetrachloroethene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Toluene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2,3-Trichlorobenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2,4-Trichlorobenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1,1-Trichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,1,2-Trichloroethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Trichloroethene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2,3-Trichloropropane	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,2,4-Trimethylbenzene	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
1,3,5-Trimethylbenzene	ND	mg/kg	0.00182	1.0	10/13/04	20:21	J. Adams	8260B	8456
Vinyl chloride	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Xylenes (Total)	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Bromodichloromethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456
Trichlorofluoromethane	ND	mg/kg	0.0018	1.0	10/13/04	20:21	J. Adams	8260B	8456

Sample Extraction Data

Parameter	wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	10/ 9/04			K. Turner	3550
Volatile Organics	6.17 g	5.0 ml	9/29/04 12:30			Fitzwater	5035

Sample report continued . . .

ANALYTICAL REPORT

Laboratory Number: 04-A154897

Sample ID: B-13

Project:

Page 4

Surrogate	% Recovery	Target Range
VOA Surr, 1,2-DCAd4	97.	72. - 134.
VOA Surr Toluene-d8	91.	76. - 122.
VOA Surr, 4-BPB	106.	60. - 138.
VOA Surr, DBPM	96.	75. - 137.
BMA Surr-Nitrobenzene-d5	76.	23. - 121.
BMA Surr-2-Fluorobiphenyl	78.	45. - 101.
BMA Surr-Terphenyl-d14	85.	48. - 120.

LABORATORY COMMENTS:

ND = Not detected at the report limit.

B = Analyte was detected in the method blank.

J = Estimated Value below Report Limit.

E = Estimated Value above the calibration limit of the instrument.

= Recovery outside Laboratory historical or method prescribed limits.

All reported results for metals or Organic analyses have been corrected for dry weight.

End of Sample Report.

ANALYTICAL TESTING CORPORATION

Client Name

Client #:

2943
[Handwritten scribble]

Address:

107. O'Brien Court

City/State/Zip Code:

Archival - NC P7263

Project Manager:

Teff 'Geduld'

Telephone Number:

336-382-6849

Fax

336-431-5454

Sampler Name: (Print Name)

Teff Gerbils

Sampler Signature:

W. H. H. H.

Project Name:

Fiber

Project #:

Site/Location ID:

State

NC

Report To:

Self Check

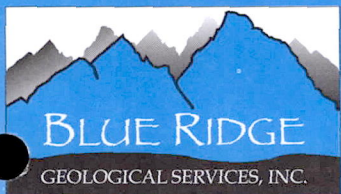
Invoice To:

Left Gayle

Quote #:

PO#:

TAT <input checked="" type="checkbox"/> Standard ____ Rush (surcharges may apply)	Date Needed:	Fax Results:	Y	N	SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix SL - Sludge DW - Drinking Water GW - Groundwater S - Sol/Solid WW - Wastewater Specify Other	Preservation & # of Containers	Analyze For:	QC Detectables <input checked="" type="checkbox"/> None ____ Level 2 (Batch QC) ____ Level 3 ____ Level 4 Other: _____	REMARKS	
					B-1	9/29/04	920	C		S	HNO ₃ HCl NaOH H ₂ SO ₄ Methanol None Other (Specify) N ₂ H SO ₄	8260 8270 PAA only			
					B-2		925						15	48	88
					B-4		940								89
					B-5		955								90
					B-8		1020								91
					B-9		1055								92
					B-10		1125								93
					B-11		1150								94
					B-12		1210								95
					B-13		1230								96
Special Instructions: B-C	V	1355	G	GW	3	1	X	X	154887						97
Relinquished By: [Signature]	Date: 10/6/04	Time: 2:50	Received By:	Date:	Time:										
Relinquished By:	Date:	Time:	Received By:	Date:	Time:										
Relinquished By:	Date:	Time:	Received By: [Signature]	Date: 10/7/04	Time: 2:50										
LABORATORY COMMENTS:															
Init Lab Temp:															
Rec Lab Temp:															
Custody Seals: Y N N/A															
Bottles Supplied by Test America: Y N															
Method of Shipment:															



^ Environmental

^ Soil and Groundwater
Assessment and Remediation

^ Geology

^ Hydrogeology

^ Phase I Due Diligence

^ Compliance Audits

^ Permitting

^ Stormwater

^ UST Closure

^ Project Management

Jeff Gerlock, L.G.

www.blueridgegeo.com

107 Oakley Court
Archdale, NC 27263

Phone/Fax: 336-431-5454

REPORT OF ADDITIONAL ENVIRONMENTAL SERVICES

**Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina**

Prepared For:

**Fiber Dynamics, Inc.
High Point, North Carolina**

Prepared By:

Blue Ridge Geological Services, Inc.
Archdale, North Carolina

BR Project # 200825

June 2008





June 18, 2008

Mr. Jim Heery
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina 27261

Subject: **Report of Additional Phase 2 Environmental Services
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina
BR Project #200825**

Dear Mr. Heery:

As authorized by your acceptance of our proposal dated April 4, 2008, ***Blue Ridge Geological Services, Inc. (Blue Ridge)*** personnel performed additional environmental assessment activities at the subject site. The work was performed to further evaluate the nature of the soil and groundwater quality at the site. Included in this report is a description of the field activities, the results obtained, and our conclusions and recommendations.

Background

On September 29, 2004, Blue Ridge and its drilling subcontractor advanced 13 soil borings (B-1 through B-13) in area of potential environmental concern at the property: loading docks (B-1, B-4, B-5, B-9), rolloff with wastewater treatment sludge and wastewater treatment system effluent point (B-2, B-3), downgradient of loading docks and stained asphalt (B-6), aboveground storage tank area (B-7 and B-8), unknown vent pipe (B-11), and underground storage tank abandoned in place at one of the loading docks (B-12, B-13).

Several VOC and SVOCs were detected in the soil samples from borings B-2, B-5, B-8, B-9, and B-11 in 2004. The low concentrations of VOC and SVOCs detected did not appear to represent a significant environmental concern. However, vinyl chloride was detected in the soil sample collected from boring B-5 and benzo(a)pyrene was detected in the soil samples collected from borings B-5, B-9, and B-11 at concentrations above the North Carolina Department of Environmental and Natural Resources (NCDENR) action levels. Tetrachloroethene was detected in a water sample collected from boring B-6 at a concentration (2.4 ug/L) above the NCDENR 2L Groundwater Standard (0.7 ug/L). Benzo(a)pyrene and vinyl chloride were not detected in the water sample collected from boring B-6 in 2004.

In our *Report of Phase 2 Environmental Site Assessment* dated October 2004, Blue Ridge recommended the installation of monitoring wells and groundwater sampling in the area of borings B-5, B-6, B-9, and B-11 as well as additional soil sampling in these areas to further evaluate the 2004 sampling results.

2008 Field Activities and Results

On April 29, 2008, Blue Ridge personnel mobilized to the site and supervised the drilling of four soil borings near the areas of concern identified during the soil and groundwater sampling event performed in 2004: P-1 near Boring B-5, P-2 near boring B-9, P-3 near boring B-6, and P-4 near boring B-11. The sample locations are presented on Figure 1. The borings were drilled using a track-mounted Geoprobe. The Geoprobe used 2 1/4-inch diameter steel rods pushed/advanced hydraulically through the soils. Soil samples were collected using plastic sleeves hydraulically pushed into the soil using the Geoprobe. The boreholes were drilled to eight to 12 feet below ground surface (bgs). Probe refusal (siltstone) was encountered in boring P-4 at a depth of eight feet bgs. Soil samples were collected from borings P-1, P-2, and P-4 at depths of two to six feet bgs for lab analysis. On May 21, 2008 Blue Ridge personnel collected two soil samples (S-1 and S-2) from a ditch along the south side of the property. Soil samples S-1 and S-2 were collected from 0.5 to 1 foot bgs using a shovel.

Temporary monitoring wells consisting of one-inch PVC pipe with five foot screened intervals were placed in boreholes P-1 through P-3 on April 29, 2008. Water was measured at approximately 1.3 feet bgs in boring P-1, 7.8 feet bgs in boring P-2, and 9.3 feet bgs in boring P-3. On April 29 and 30, 2008 Blue Ridge personnel collected groundwater samples from the three temporary monitoring wells using a bailer and rope.

The soil and groundwater samples were placed into laboratory-prepared containers, labeled with identifying numbers and sample information, placed into a cooler containing ice, and then transported to Pace Analytical in Huntersville, North Carolina for analysis. A chain-of-custody form was maintained with the samples. The samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260 and semi-volatile organic compounds (SVOCs) by EPA Method 8270. Samples S-1 and S-2 were analyzed for polychlorinated biphenyl (PCBs) by EPA Method 8082. The results of the laboratory analysis are summarized below:

- One VOC (vinyl chloride) was detected in the soil sample obtained from boring P-1 at a concentration of 0.0314 milligrams per kilogram (mg/kg). One VOC (vinyl chloride) was detected in the groundwater sample collected from temporary well P-1 at a concentration of 5 micrograms per liter (ug/L). No SVOCs were detected in the soil sample or groundwater sample collected from boring P-1.
- Two SVOCs (fluoranthene and pyrene) were detected in the soil sample collected from boring P-2 at concentrations of 0.515 and 0.466 mg/kg, respectively. No SVOCs were detected in the groundwater sample collected from the temporary well installed in boring P-2.
- No VOCS were detected in the groundwater sample collected from the temporary well installed in boring P-3.
- No SVOCs were detected in the soil sample collected from boring P-4.
- One PCB (Aroclor 1260) was detected in soil samples S-1 and S-2 at concentrations of 0.108 and 0.107 mg/kg, respectively.

The laboratory report and chain of custody form are attached. Tables 1 and 2 present a summary of the constituents detected in the soil and groundwater during this and previous sampling events.

Conclusions and Recommendations

Vinyl chloride was detected in the soil sample obtained from boring P-1 at a concentration (0.0314 mg/kg) which is above the NCDENR Hazardous Waste Section Soil Screening Level of 0.0000952 mg/kg. Vinyl chloride was not detected at a concentration exceeding the USEPA Region IX Residential or Industrial Risk Based Primary Remediation Goals. Vinyl chloride was detected in the groundwater sample collected from temporary well P-1 at a concentration (5 ug/L) which is above the NCDENR 2L Groundwater Standard of 0.015 ug/L. No SVOCs were detected in the soil sample or groundwater sample collected from boring P-1.

Fluoranthene and pyrene were detected in the soil sample collected from boring P-2 at concentrations below NCDENR action levels. No SVOCs were detected in the groundwater sample collected from the temporary well installed in boring P-2.

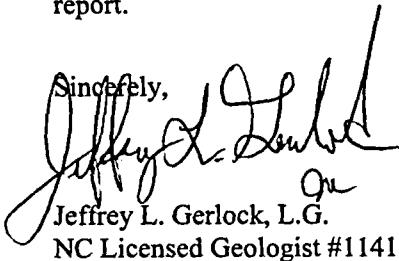
No VOCs including tetrachloroethene or TCE were detected in the groundwater sample collected from the temporary monitoring well installed in boring P-3 in 2008 (Note: TCE was detected in the groundwater sample collected from boring B-6 in 2004 at concentrations above the 2L Groundwater Standard).

No SVOCs were detected from the soil sample collected from boring P-4. Probe refusal was encountered in this area, therefore, the groundwater was not sampled to determine if it has been impacted by the benzo(a)pyrene detected in the soil in boring B-11 in the area in 2004.

Low levels of PCBs (Aroclor 1260) were detected in two soil samples collected along the south side of the property adjacent to the former transformer station property. The PCBs were not detected at concentrations above the State and Federal action level of 0.22 mg/kg.

Since two contaminants (benzo(a)pyrene and vinyl chloride) were detected in the soil and/or groundwater in two areas of the site (loading dock outside northeast corner of basement and vent pipe and buried drum outside west side of facility), at concentrations above State action levels, we recommend that the NCDENR and Guilford County Department of Public Health be notified. Blue Ridge recommends that the results of these assessment activities be forwarded to their offices for their review and to determine if additional assessment or remediation is necessary at the site.

We appreciate the opportunity to continue to provide our services on this project. Please contact the undersigned if you have any questions concerning the work performed or the data presented in this report.

Sincerely,

Jeffrey L. Gerlock, L.G.
NC Licensed Geologist #1141

Attachments

ATTACHMENTS

FIGURES

TABLES

**LABORATORY REPORTS AND
CHAIN OF CUSTODY RECORDS**

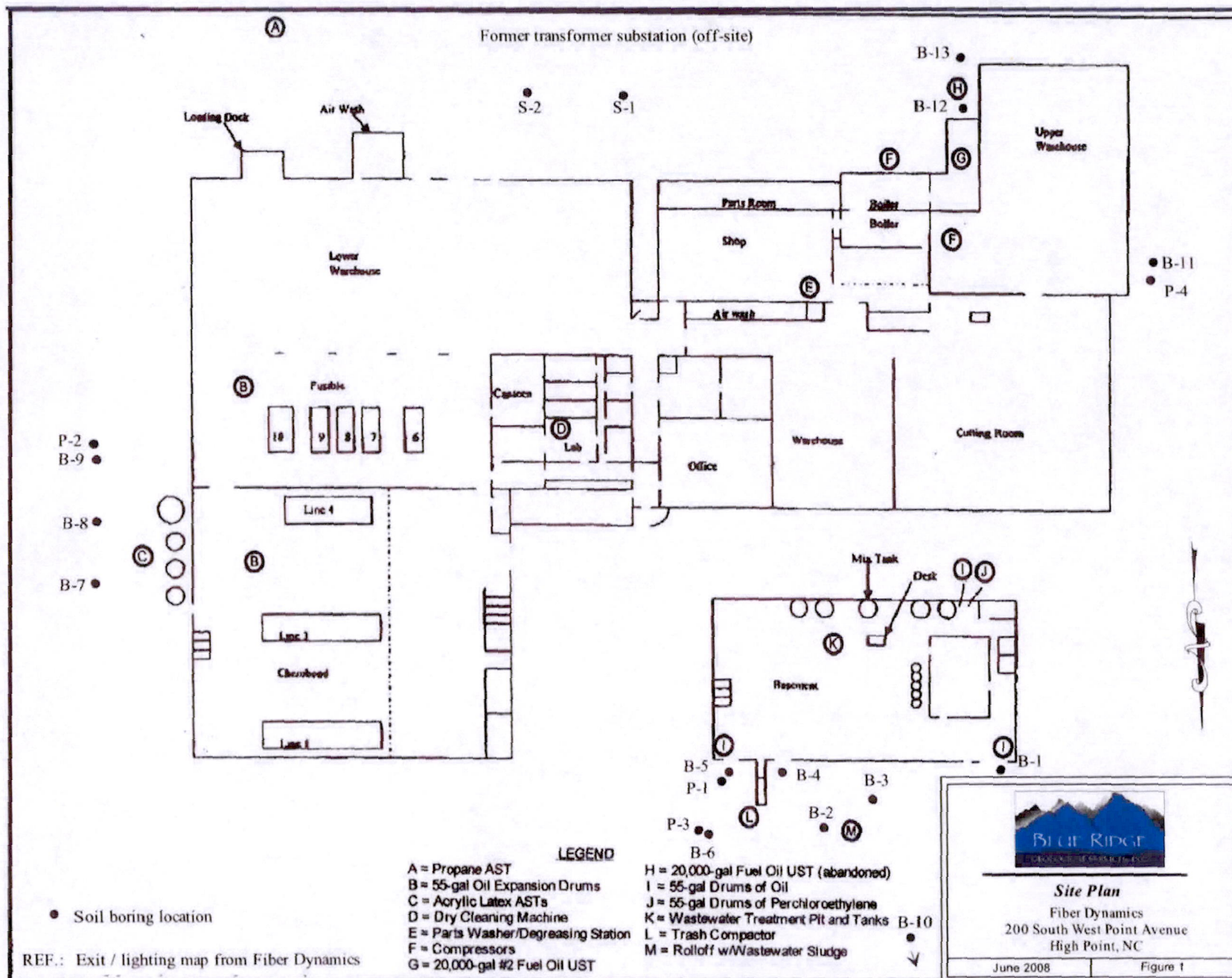


TABLE 1

SUMMARY OF SOIL SAMPLING RESULTS

Parameter		Analytical Results										Cleanup Levels		
		B-2	B-5	B-8	B-9	B-11	P-1	P-2	P-4	S-1	S-2	NC HWS	USEPA Region 9	USEPA Region 9
Sample ID	Analytical	1 - 3	1 - 3	2 - 3	3 - 4	3 - 4	2 - 4	2 - 4	4 - 6	0.5 - 1	0.5 - 1	SSL	Residential	Industrial
Sample Depth (ft, bgs)	Method	9/29/2004	9/29/2004	9/29/2004	9/29/2004	9/29/2004	4/29/2008	4/29/2008	4/29/2008	5/21/2008	5/21/2008		RBL	RBL
Collection Date														
Volatile Organic Compounds - VOCs														
Acetone	8260	0.0526	ND	ND	ND	ND	ND	NA	NA	NA	NA	2.8	1600	
Carbon disulfide	8260	ND	ND	0.00545	ND	0.00494	ND	NA	NA	NA	NA	4.94	360	
Vinyl Chloride	8260	ND	0.0023	ND	ND	ND	0.0314	NA	NA	NA	NA	0.0000952	0.079	0.75
Total VOCs	8260	0.0526	0.0023	0.00545	ND	0.00494	0.0314	NA	NA	NA	NA	NE	NE	
Semi-Volatile Organic Compounds - SVOCs														
Benzo(a) anthracene	8270	ND	0.085	ND	0.163	0.268	ND	ND	ND	NA	NA	0.343	0.62	
Benzo(a)pyrene	8270	ND	0.1	ND	0.213	0.359	ND	ND	ND	NA	NA	0.0928	0.062	0.21
Benzo(b)fluoranthene	8270	ND	0.132	ND	0.176	0.453	ND	ND	ND	NA	NA	1.18	0.62	
Benzo(k)fluoranthene	8270	ND	0.1	ND	0.16	0.301	ND	ND	ND	NA	NA	11.8	6.2	
Benzo(g,h,i)perylene	8270	ND	0.104	ND	0.138	0.28	ND	ND	ND	NA	NA	NE	NE	
Chrysene	8270	ND	0.097	ND	0.163	0.248	ND	ND	ND	NA	NA	38.15	62	
Fluoranthene	8270	ND	0.189	ND	0.339	0.578	ND	0.515	ND	NA	NA	276	2300	
Indeno(1,2,3-cd)pyrene	8270	ND	0.089	ND	0.117	0.28	ND	ND	ND	NA	NA	3.32	0.62	
Phenanthrene	8270	ND	0.109	ND	0.209	0.157	ND	ND	ND	NA	NA	59.6	NE	
Pyrene	8270	ND	0.186	ND	0.272	0.453	ND	0.466	ND	NA	NA	286	2300	
Total SVOCs	8270	ND	1.191	ND	1.950	3.377	ND	0.981	ND	NA	NA	NE	NE	
Polychlorinated Biphenyls - PCBs														
PCB-1260 - Aroclor 1260	8082	NA	NA	NA	NA	NA	NA	NA	NA	0.108	0.107	NE	0.22	0.74

Notes:

All concentrations are in milligrams per kilogram (mg/kg)

ft, bgs - feet below ground surface

Samples B-1, B-4, B-10, B-12, and B-13 were ND for 8260 and 8270.

ND - Not Detected

N/A - Not Applicable

NA - Not Analyzed

NE - Not Established

MSCC = Maximum Soil Contaminant Concentration

NC HWS SSL - North Carolina Hazardous Waste Section Soil Screening Level

RBL = Risk Based Level - Primary Remediation Goal

Bold values are above the NC HWS SSLs and/or the RBL

TABLE 2

SUMMARY OF GROUNDWATER SAMPLING RESULTS

	Analytical Results				State Standards
Sample ID	B-6	P-1	P-2	P-3	2L Groundwater
Collection Date	9/29/2004	4/29/2008	4/29/2008	4/29/2008	Quality Standard
<i>Volatile Organic Compounds (VOCs)</i>					
Tetrachloroethene	2.4	ND	NA	ND	0.7
Trichlorofluoromethane	2.2	ND	NA	ND	2100
Vinyl Chloride	ND	5.0	NA	ND	0.015
<i>Semi-volatile Organic Compounds (SVOCs)</i>					
Total SVOCs	ND	ND	ND	NA	NE

Notes:

All concentrations are reported in micrograms per liter (ug/L).

Samples were analyzed by EPA Methods 8260 and 8270

ND - Not Detected

NA - Not Analyzed

N/A - Not Applicable

NE - Not Established

Values are above 2L Groundwater Quality Standard



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2225 Riverside Dr.
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(828)254-7178

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

June 06, 2008

Mr. Jeff Gerlock
Blue Ridge Geological Services
306 Eden Terrace
Suite C
Archdale, NC 27263

RE: Project: FIBER 200825
Pace Project No.: 9220015

Dear Mr. Gerlock:

Enclosed are the analytical results for sample(s) received by the laboratory on May 22, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brenda Pathammavong

brenda.pathammavong@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FIBER 200825
Pace Project No.: 9220015

Charlotte Certification IDs

Florida/NELAP Certification Number: E87627
Kansas Certification Number: E-10364
Louisiana/LELAP Certification Number: 04034
North Carolina Drinking Water Certification Number: 37708
North Carolina Wastewater Certification Number: 12

North Carolina Field Services Certification Number: 5342
South Carolina Certification Number: 990060001
South Carolina Bioassay Certification Number: 990060003
Tennessee Certification Number: 04010
Virginia Certification Number: 00213

Asheville Certification IDs

Florida/NELAP Certification Number: E87648
Louisiana/LELAP Certification Number: 03095
New Jersey Certification Number: NC011
North Carolina Drinking Water Certification Number: 37712
North Carolina Wastewater Certification Number: 40
North Carolina Bioassay Certification Number: 9

Pennsylvania Certification Number: 68-03578
South Carolina Certification Number: 99030001
South Carolina Bioassay Certification Number: 99030002
Tennessee Certification Number: 2980
Virginia Certification Number: 00072

Eden Certification IDs

North Carolina Drinking Water Certification Number: 37738
Virginia Drinking Water Certification Number: 00424

North Carolina Wastewater Certification Number: 633

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SAMPLE SUMMARY

Project: FIBER 200825
Pace Project No.: 9220015

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9220015001	S-1	Solid	05/21/08 14:25	05/22/08 13:20
9220015002	S-2	Solid	05/21/08 14:30	05/22/08 13:20

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SAMPLE ANALYTE COUNT

Project: FIBER 200825
Pace Project No.: 9220015

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9220015001	S-1	ASTM D2974-87	JEA	1
		EPA 8082	JEM	8
9220015002	S-2	ASTM D2974-87	JEA	1
		EPA 8082	JEM	8

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9220015

Sample: S-1 Lab ID: 9220015001 Collected: 05/21/08 14:25 Received: 05/22/08 13:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3545								
PCB-1016 (Aroclor 1016)	ND	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	11141-16-6	
PCB-1242 (Aroclor 1242)	ND	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	11097-69-1	
PCB-1260 (Aroclor 1260)	108	ug/kg	49.7	1	06/03/08 00:00	06/05/08 19:33	11096-82-5	
Decachlorobiphenyl (S)	42	%	10-128	1	06/03/08 00:00	06/05/08 19:33	2051-24-3	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture 33.5 % 0.10 1 05/23/08 08:30

Date: 06/06/2008 10:12 AM

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9220015

Sample: S-2 Lab ID: 9220015002 Collected: 05/21/08 14:30 Received: 05/22/08 13:20 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8082 GCS PCB Analytical Method: EPA 8082 Preparation Method: EPA 3545								
PCB-1016 (Aroclor 1016)	ND	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	11141-16-6	
PCB-1242 (Aroclor 1242)	ND	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	11097-69-1	
PCB-1260 (Aroclor 1260)	107	ug/kg	45.2	1	06/03/08 00:00	06/05/08 19:47	11096-82-5	
Decachlorobiphenyl (S)	55	%	10-128	1	06/03/08 00:00	06/05/08 19:47	2051-24-3	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture 27.0 % 0.10 1 05/23/08 08:30

Date: 06/06/2008 10:12 AM

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QUALIFIERS

Project: FIBER 200825
Pace Project No.: 9220015

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

1g RPD value was outside of control limits, however % recoveries were acceptable. Samples for QC batch accepted based on % recoveries and completeness of QC data.





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May 12, 2008

Mr. Jeff Gerlock
Blue Ridge Geological Services
306 Eden Terrace
Suite C
Archdale, NC 27263

RE: Project: FIBER 200825
Pace Project No.: 9218485

Dear Mr. Gerlock:

Enclosed are the analytical results for sample(s) received by the laboratory on May 01, 2008. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brenda Pathammavong

brenda.pathammavong@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: FIBER 200825
Pace Project No.: 9218485

Charlotte Certification IDs

Florida/NELAP Certification Number: E87627
Kansas Certification Number: E-10364
Louisiana/LELAP Certification Number: 04034
North Carolina Drinking Water Certification Number: 37706
North Carolina Wastewater Certification Number: 12

North Carolina Field Services Certification Number: 5342
South Carolina Certification Number: 990080001
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North Carolina Drinking Water Certification Number: 37712
North Carolina Wastewater Certification Number: 40
North Carolina Bioassay Certification Number: 9

Pennsylvania Certification Number: 68-03578
South Carolina Certification Number: 99030001
South Carolina Bioassay Certification Number: 99030002
Tennessee Certification Number: 2390
Virginia Certification Number: 00072

Eden Certification IDs

North Carolina Drinking Water Certification Number: 37738
Virginia Drinking Water Certification Number: 00424

North Carolina Wastewater Certification Number: 633

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SAMPLE SUMMARY

Project: FIBER 200825
Pace Project No.: 9218485

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9218485001	P-1	Solid	04/29/08 09:05	05/01/08 14:10
9218485002	P-2	Solid	04/29/08 09:25	05/01/08 14:10
9218485003	P-4	Solid	04/29/08 10:40	05/01/08 14:10
9218485004	P-1	Water	04/29/08 17:45	05/01/08 14:10
9218485005	P-2	Water	04/29/08 17:38	05/01/08 14:10
9218485006	P-3	Water	04/30/08 10:30	05/01/08 14:10

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SAMPLE ANALYTE COUNT

Project: FIBER 200825
Pace Project No.: 9218485

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9218485001	P-1	ASTM D2974-87	CLW	1
		EPA 8260	DLK	71
		EPA 8270	BET	75
9218485002	P-2	ASTM D2974-87	CLW	1
		EPA 8270	BET	75
		ASTM D2974-87	CLW	1
9218485003	P-4	EPA 8270	BET	75
		EPA 8260	AW	72
		EPA 8270	BET	75
9218485004	P-1	EPA 8260	AW	72
		EPA 8270	BET	75
		EPA 8270	BET	75
9218485005	P-2	EPA 8260	AW	72
		EPA 8270	BET	75
9218485006	P-3	EPA 8260	AW	72

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1 Lab ID: 9218485001 Collected: 04/29/08 09:05 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE Analytical Method: EPA 8270 Preparation Method: EPA 3545								
Acenaphthene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	83-32-9	
Acenaphthylene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	208-96-8	
Aniline	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	62-53-3	
Anthracene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	120-12-7	
Benzo(a)anthracene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	56-55-3	
Benzo(a)pyrene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	207-08-9	
Benzoic acid	1960	1	05/08/08 00:00	05/10/08 06:08	65-85-0			
Benzyl alcohol	ND	ug/kg	784	1	05/08/08 00:00	05/10/08 06:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	101-55-3	
Butylbenzylphthalate	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	784	1	05/08/08 00:00	05/10/08 06:08	59-50-7	
4-Chloroaniline	1960	1	05/08/08 00:00	05/10/08 06:08	106-47-8			
bis(2-Chloroethoxy)methane	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	108-60-1	
2-Chloronaphthalene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	91-59-7	
2-Chlorophenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	7005-72-3	
Chrysene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	53-70-3	
Dibenzofuran	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	106-46-7	
3,3'-Dichlorobenzidine	1960	1	05/08/08 00:00	05/10/08 06:08	91-94-1			
2,4-Dichlorophenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	120-83-2	
Diethylphthalate	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	105-67-9	
Dimethylphthalate	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	131-11-3	
Di-n-butylphthalate	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	784	1	05/08/08 00:00	05/10/08 06:08	534-52-1	
2,4-Dinitrophenol	1960	1	05/08/08 00:00	05/10/08 06:08	51-28-5			
2,6-Dinitrotoluene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	121-14-2	
2,8-Dinitrotoluene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	608-20-2	
Di-n-octylphthalate	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	117-81-7	
Fluoranthene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	206-44-0	
Fluorene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	87-69-3	
Hexachlorobenzene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	77-47-4	
Hexachloroethane	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1 Lab ID: 9218485001 Collected: 04/29/08 09:05 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE Analytical Method: EPA 8270 Preparation Method: EPA 3545								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	193-39-5	
Isochlorophene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	78-59-1	
1-Methylnaphthalene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	90-12-0	
2-Methylnaphthalene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	91-57-8	
2-Methylphenol(o-Cresol)	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	95-49-7	
3,3,4-Methylphenol(m&p Cresol)	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	91-20-3	
Naphthalene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	88-74-4	
2-Nitroaniline	1960	1	05/08/08 00:00	05/10/08 06:08	99-09-2			
3-Nitroaniline	1960	1	05/08/08 00:00	05/10/08 06:08	100-01-6			
4-Nitroaniline	ND	ug/kg	784	1	05/08/08 00:00	05/10/08 06:08	98-95-3	
Nitrobenzene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	98-95-3	
2-Nitrophenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	88-75-5	
4-Nitrophenol	1960	1	05/08/08 00:00	05/10/08 06:08	100-02-7			
N-Nitrosodimethylamine	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	86-30-6	
Pentachlorophenol	1960	1	05/08/08 00:00	05/10/08 06:08	87-86-5			
Phenanthrene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	85-01-8	
Phenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	108-95-2	
Pyrene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	392	1	05/08/08 00:00	05/10/08 06:08	88-06-2	
Nitrobenzene-d5 (S)	35	%	10-120	1	05/08/08 00:00	05/10/08 06:08	4165-60-0	
2-Fluorobiphenyl (S)	45	%	10-120	1	05/08/08 00:00	05/10/08 06:08	321-60-8	
Terphenyl-d14 (S)	67	%	10-116	1	05/08/08 00:00	05/10/08 06:08	1718-51-0	
Phenol-d8 (S)	42	%	10-120	1	05/08/08 00:00	05/10/08 06:08	13127-88-3	
2-Fluorophenol (S)	39	%	10-120	1	05/08/08 00:00	05/10/08 06:08	367-12-4	
2,4,6-Tribromophenol (S)	67	%	10-116	1	05/08/08 00:00	05/10/08 06:08	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND	ug/kg	86.7	1	05/06/08 13:17	05/06/08 13:17	67-64-1	
Benzene	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	108-96-1	
Bromochloromethane	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	75-27-4	
Bromofluoromethane	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	75-25-2	
Bromomethane	ND	ug/kg	8.7	1	05/06/08 13:17	05/06/08 13:17	74-83-9	
n-Butylbenzene	ND	ug/kg	86.7	1	05/06/08 13:17	05/06/08 13:17	78-93-3	
sec-Butylbenzene	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	104-51-8	
tert-Butylbenzene	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	135-98-8	
Carbon tetrachloride	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	108-90-7	
Chloroethane	ND	ug/kg	8.7	1	05/06/08 13:17	05/06/08 13:17	75-00-3	
Chloroform	ND	ug/kg	4.3	1	05/06/08 13:17	05/06/08 13:17	67-68-3	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1 Lab ID: 9218485001 Collected: 04/29/08 09:05 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Chloromethane	ND	ug/kg	8.7	1		05/06/08 13:17	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		05/06/08 13:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		05/06/08 13:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		05/06/08 13:17	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		05/06/08 13:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		05/06/08 13:17	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		05/06/08 13:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		05/06/08 13:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		05/06/08 13:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		05/06/08 13:17	106-48-7	
Dichlorodifluoromethane	ND	ug/kg	8.7	1		05/06/08 13:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		05/06/08 13:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		05/06/08 13:17	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		05/06/08 13:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		05/06/08 13:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		05/06/08 13:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		05/06/08 13:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		05/06/08 13:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		05/06/08 13:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		05/06/08 13:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		05/06/08 13:17	10081-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		05/06/08 13:17	10081-02-8	
Diisopropyl ether	ND	ug/kg	4.3	1		05/06/08 13:17	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		05/06/08 13:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		05/06/08 13:17	87-68-3	
2-Hexanone	ND	ug/kg	43.4	1		05/06/08 13:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		05/06/08 13:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		05/06/08 13:17	99-87-6	
Methylene Chloride	ND	ug/kg	4.3	1		05/06/08 13:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.4	1		05/06/08 13:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		05/06/08 13:17	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		05/06/08 13:17	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		05/06/08 13:17	103-65-1	
Styrene	ND	ug/kg	4.3	1		05/06/08 13:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		05/06/08 13:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		05/06/08 13:17	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		05/06/08 13:17	127-18-4	
Toluene	ND	ug/kg	4.3	1		05/06/08 13:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		05/06/08 13:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		05/06/08 13:17	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		05/06/08 13:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		05/06/08 13:17	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		05/06/08 13:17	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		05/06/08 13:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		05/06/08 13:17	96-16-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		05/06/08 13:17	95-63-6	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1 Lab ID: 9218485001 Collected: 04/29/08 09:05 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		05/06/08 13:17	108-67-8	
Vinyl acetate	ND	ug/kg	43.4	1		05/06/08 13:17	108-05-4	
Vinyl chloride	31.4	ug/kg	8.7	1		05/06/08 13:17	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	1		05/06/08 13:17	1330-20-7	
m,p-Xylene	ND	ug/kg	8.7	1		05/06/08 13:17	1330-20-7	
o-Xylene	ND	ug/kg	4.3	1		05/06/08 13:17	95-47-8	
Dibromofluoromethane (S)	104	%	79-116	1		05/06/08 13:17	1868-53-7	
Toluene-d8 (S)	102	%	88-110	1		05/06/08 13:17	2037-26-5	
4-Bromofluorobenzene (S)	96	%	74-115	1		05/06/08 13:17	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	69-121	1		05/06/08 13:17	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture 15.8 % 0.10 1 05/02/08 08:29

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-2 Lab ID: 9218485002 Collected: 04/29/08 09:25 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE Analytical Method: EPA 8270 Preparation Method: EPA 3545								
Acenaphthene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	83-32-9	
Acenaphthylene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	208-96-8	
Aniline	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	62-53-3	
Anthracene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	120-12-7	
Benzo(a)anthracene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	56-55-3	
Benzo(a)pyrene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	207-08-9	
Benzoic acid	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	65-85-0	
Benzyl alcohol	ND	ug/kg	761	1	05/08/08 00:00	05/10/08 08:30	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	101-55-3	
Butylbenzylphthalate	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	761	1	05/08/08 00:00	05/10/08 08:30	59-50-7	
4-Chloroaniline	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	108-60-1	
2-Chloronaphthalene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	91-58-7	
2-Chlorophenol	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	7005-72-3	
Chrysene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	53-70-3	
Dibenzofuran	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	108-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	120-83-2	
Diethylphthalate	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	105-67-9	
Dimethylphthalate	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	131-11-3	
Di-n-butylphthalate	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	84-74-2	
4,8-Dinitro-2-methylphenol	ND	ug/kg	761	1	05/08/08 00:00	05/10/08 08:30	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	608-20-2	
Di-n-octylphthalate	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	117-81-7	
Fluoranthene	515	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	206-44-0	
Fluorene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	87-68-3	
Hexachlorobenzene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	77-47-4	
Hexachloroethane	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	67-72-1	

Date: 05/12/2008 05:51 PM

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-2 Lab ID: 9218485002 Collected: 04/29/08 09:25 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE Analytical Method: EPA 8270 Preparation Method: EPA 3545								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	193-39-5	
Isophorone	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	78-59-1	
1-Methylnaphthalene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	90-12-0	
2-Methylnaphthalene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	95-48-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30		
Naphthalene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	91-20-3	
2-Nitroaniline	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	88-74-4	
3-Nitroaniline	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	99-09-2	
4-Nitroaniline	ND	ug/kg	761	1	05/08/08 00:00	05/10/08 08:30	100-01-6	
Nitrobenzene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	98-95-3	
2-Nitrophenol	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	88-75-5	
4-Nitrophenol	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	86-30-8	
Pentachlorophenol	ND	ug/kg	1900	1	05/08/08 00:00	05/10/08 08:30	87-86-5	
Phenanthrene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	85-01-8	
Phenol	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	108-95-2	
Pyrene	466	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	120-82-1	
2,4,6-Trichlorophenol	ND	ug/kg	380	1	05/08/08 00:00	05/10/08 08:30	95-95-4	
Nitrobenzene-d5 (S)	47	%	10-120	1	05/08/08 00:00	05/10/08 08:30	4165-60-0	
2-Fluorobiphenyl (S)	56	%	10-120	1	05/08/08 00:00	05/10/08 08:30	321-60-8	
Terphenyl-d14 (S)	70	%	10-116	1	05/08/08 00:00	05/10/08 08:30	1718-51-0	
Phenol-d6 (S)	51	%	10-120	1	05/08/08 00:00	05/10/08 08:30	13127-88-3	
2-Fluorophenol (S)	47	%	10-120	1	05/08/08 00:00	05/10/08 08:30	367-12-4	
2,4,6-Tribromophenol (S)	75	%	10-116	1	05/08/08 00:00	05/10/08 08:30	118-79-6	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture

13.2 % 0.10 1 05/02/08 08:30

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-4 Lab ID: 9218485003 Collected: 04/29/08 10:40 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE Analytical Method: EPA 8270 Preparation Method: EPA 3545								
Acenaphthene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	83-32-9	
Acenaphthylene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	208-96-8	
Aniline	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	62-53-3	
Anthracene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	207-08-9	
Benzoic acid	2050	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	65-85-0	
Benzyl alcohol	ND	ug/kg	822	1	05/08/08 00:00	05/10/08 06:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	822	1	05/08/08 00:00	05/10/08 06:51	59-50-7	
4-Chloroaniline	ND	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	108-80-1	
2-Chloronaphthalene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	91-58-7	
2-Chlorophenol	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	7005-72-3	
Chrysene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	53-70-3	
Dibenzofuran	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	120-83-2	
Diethylphthalate	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	105-67-9	
Dimethylphthalate	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	131-11-3	
Di-n-butylphthalate	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	822	1	05/08/08 00:00	05/10/08 06:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	606-20-2	
Di-n-octylphthalate	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	117-81-7	
Fluoranthene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	206-44-0	
Fluorene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	87-68-3	
Hexachlorobenzene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	77-47-4	
Hexachloroethane	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-4 Lab ID: 9218485003 Collected: 04/29/08 10:40 Received: 05/01/08 14:10 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV PFE Analytical Method: EPA 8270 Preparation Method: EPA 3545								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	193-39-5	
Isophorone	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	78-59-1	
1-Methylnaphthalene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	90-12-0	
2-Methylnaphthalene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	95-48-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51		
Naphthalene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	91-20-3	
2-Nitroaniline	2050	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	88-74-4	
3-Nitroaniline	2050	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	99-09-2	
4-Nitroaniline	822	ug/kg	822	1	05/08/08 00:00	05/10/08 06:51	100-01-6	
Nitrobenzene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	98-95-3	
2-Nitrophenol	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	88-75-5	
4-Nitrophenol	2050	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	86-30-6	
Pentachlorophenol	ND	ug/kg	2050	1	05/08/08 00:00	05/10/08 06:51	87-86-5	
Phenanthrene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	85-01-8	
Phenol	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	108-95-2	
Pyrene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	120-82-1	
2,4,6-Trichlorophenol	ND	ug/kg	411	1	05/08/08 00:00	05/10/08 06:51	95-95-4	
Nitrobenzene-d5 (S)	8	%	10-120	1	05/08/08 00:00	05/10/08 06:51	4165-60-0	1g
2-Fluorobiphenyl (S)	47	%	10-120	1	05/08/08 00:00	05/10/08 06:51	321-60-8	
Terphenyl-d14 (S)	77	%	10-116	1	05/08/08 00:00	05/10/08 06:51	1718-51-0	
Phenol-d6 (S)	50	%	10-120	1	05/08/08 00:00	05/10/08 06:51	13127-88-3	
2-Fluorophenol (S)	48	%	10-120	1	05/08/08 00:00	05/10/08 06:51	367-12-4	
2,4,6-Tribromophenol (S)	65	%	10-116	1	05/08/08 00:00	05/10/08 06:51	118-79-6	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture 19.7 % 0.10 1 05/02/08 08:30

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1	Lab ID: 9218485004	Collected: 04/29/08 17:45	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSVV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	83-32-9	
Acenaphthylene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	208-96-8	
Aniline	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	62-53-3	
Anthracene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	56-55-3	
Benzo(a)pyrene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	207-08-9	
Benzoic acid	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	65-85-0	
Benzyl alcohol	25.6	g	25.6	1	05/02/08 00:00	05/10/08 03:58	100-51-6	
4-Bromophenyl/phenyl ether	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	25.6	1	05/02/08 00:00	05/10/08 03:58	59-50-7	
4-Chloroaniline	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	108-60-1	
2-Chloronaphthalene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	91-58-7	
2-Chlorophenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	95-57-8	
4-Chlorophenyl/phenyl ether	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	7005-72-3	
Chrysene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	53-70-3	
Dibenzofuran	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	120-83-2	
Diethylphthalate	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	84-66-2	
2,4-Dimethylphenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	105-67-9	
Dimethylphthalate	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	25.6	1	05/02/08 00:00	05/10/08 03:58	534-52-1	
2,4-Dinitrophenol	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	608-20-2	
Di-n-octylphthalate	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	117-81-7	
Fluoranthene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	208-44-0	
Fluorene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	87-68-3	
Hexachlorobenzene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	77-47-4	
Hexachloroethane	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	193-39-5	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1	Lab ID: 9218485004	Collected: 04/29/08 17:45	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSVV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isophorone	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	78-59-1	
1-Methylnaphthalene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	90-12-0	
2-Methylnaphthalene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	95-46-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58		
Naphthalene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	91-20-3	
2-Nitroaniline	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	88-74-4	
3-Nitroaniline	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	99-09-2	
4-Nitroaniline	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	100-01-6	
Nitrobenzene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	98-95-3	
2-Nitrophenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	88-75-5	
4-Nitrophenol	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	86-30-8	
Pentachlorophenol	ND	ug/L	64.1	1	05/02/08 00:00	05/10/08 03:58	87-86-5	
Phenanthrene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	85-01-8	
Phenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	108-95-2	
Pyrene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	12.8	1	05/02/08 00:00	05/10/08 03:58	88-06-2	
Nitrobenzene-d5 (S)	66	%	30-150	1	05/02/08 00:00	05/10/08 03:58	4165-60-0	
2-Fluorobiphenyl (S)	70	%	30-150	1	05/02/08 00:00	05/10/08 03:58	321-60-8	
Terphenyl-d14 (S)	78	%	30-150	1	05/02/08 00:00	05/10/08 03:58	1718-51-0	
Phenol-d8 (S)	32	%	25-150	1	05/02/08 00:00	05/10/08 03:58	13127-88-3	
2-Fluorophenol (S)	43	%	25-150	1	05/02/08 00:00	05/10/08 03:58	367-12-4	
2,4,6-Tribromophenol (S)	96	%	25-150	1	05/02/08 00:00	05/10/08 03:58	118-79-8	
8260 MSV Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	1		05/03/08 06:10	67-64-1	
Benzene	ND	ug/L	5.0	1		05/03/08 06:10	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/03/08 06:10	108-96-1	
Bromochloromethane	ND	ug/L	5.0	1		05/03/08 06:10	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/03/08 06:10	75-27-4	
Bromofluoromethane	ND	ug/L	5.0	1		05/03/08 06:10	75-25-2	
Bromomethane	ND	ug/L	10.0	1		05/03/08 06:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		05/03/08 06:10	78-93-3	
tert-Butyl Alcohol	ND	ug/L	100	1		05/03/08 06:10	75-85-0	
n-Butylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		05/03/08 06:10	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/03/08 06:10	108-90-7	
Chloroethane	ND	ug/L	10.0	1		05/03/08 06:10	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/03/08 06:10	67-66-3	
Chloromethane	ND	ug/L	5.0	1		05/03/08 06:10	74-87-3	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1	Lab ID: 9218485004	Collected: 04/29/08 17:45	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/L	5.0	1		05/03/08 06:10	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/03/08 06:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		05/03/08 06:10	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		05/03/08 06:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/03/08 06:10	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/03/08 06:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:10	106-48-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/03/08 06:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/03/08 06:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/03/08 06:10	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		05/03/08 06:10	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/03/08 06:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/03/08 06:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/03/08 06:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/03/08 06:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/03/08 06:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/03/08 06:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/03/08 06:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/03/08 06:10	10081-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/03/08 06:10	10081-02-8	
Dilsopropyl ether	ND	ug/L	5.0	1		05/03/08 06:10	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/03/08 06:10	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		05/03/08 06:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/03/08 06:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/03/08 06:10	99-87-8	
Methylene Chloride	ND	ug/L	5.0	1		05/03/08 06:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		05/03/08 06:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	5.0	1		05/03/08 06:10	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		05/03/08 06:10	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	103-65-1	
Styrene	ND	ug/L	5.0	1		05/03/08 06:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/03/08 06:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/03/08 06:10	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/03/08 06:10	127-18-4	
Toluene	ND	ug/L	5.0	1		05/03/08 06:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/03/08 06:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/03/08 06:10	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/03/08 06:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		05/03/08 06:10	75-89-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/03/08 06:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/03/08 06:10	108-67-8	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-1	Lab ID: 9218485004	Collected: 04/29/08 17:45	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260							
Vinyl acetate	ND	ug/L	10.0	1		05/03/08 06:10	108-05-4	
Vinyl chloride	5.0	ug/L	5.0	1		05/03/08 06:10	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		05/03/08 06:10	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		05/03/08 06:10	95-47-8	
4-Bromofluorobenzene (S)	103	%	87-109	1		05/03/08 06:10	460-00-4	
Dibromofluoromethane (S)	94	%	85-115	1		05/03/08 06:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	79-120	1		05/03/08 06:10	17060-07-0	
Toluene-d8 (S)	105	%	70-120	1		05/03/08 06:10	2037-26-5	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-2	Lab ID: 9218485005	Collected: 04/29/08 17:38	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSVV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	83-32-9	
Acenaphthylene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	208-96-8	
Aniline	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	62-53-3	
Anthracene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	120-12-7	
Benzo(a)anthracene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	56-55-3	
Benzo(a)pyrene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	207-08-9	
Benzoic acid	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	65-85-0	
Benzyl alcohol	ND	ug/L	28.6	1	05/02/08 00:00	05/10/08 04:20	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	101-55-3	
Butylbenzylphthalate	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	28.6	1	05/02/08 00:00	05/10/08 04:20	59-50-7	
4-Chloroaniline	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	108-60-1	
2-Chloronaphthalene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	91-58-7	
2-Chlorophenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	7005-72-3	
Chrysene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	53-70-3	
Dibenzofuran	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	91-94-1	
2,4-Dichlorophenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	120-83-2	
Diethylphthalate	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	84-66-2	
2,4-Dimethylphenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	105-67-9	
Dimethylphthalate	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	131-11-3	
Di-n-butylphthalate	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	28.6	1	05/02/08 00:00	05/10/08 04:20	534-52-1	
2,4-Dinitrophenol	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	608-20-2	
Di-n-octylphthalate	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	117-84-0	
1,2-Diphenylhydrazine	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	117-81-7	
Fluoranthene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	206-44-0	
Fluorene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	87-68-3	
Hexachlorobenzene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	77-47-4	
Hexachloroethane	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	193-39-5	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-2	Lab ID: 9218485005	Collected: 04/29/08 17:38	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSVV Semivolatile Organic Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isophorone	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	78-59-1	
1-Methylnaphthalene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	90-12-0	
2-Methylnaphthalene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	95-48-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20		
Naphthalene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	91-20-3	
2-Nitroaniline	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	88-74-4	
3-Nitroaniline	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	99-09-2	
4-Nitroaniline	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	100-01-6	
Nitrobenzene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	98-95-3	
2-Nitrophenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	88-75-5	
4-Nitrophenol	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	86-30-6	
Pentachlorophenol	ND	ug/L	71.4	1	05/02/08 00:00	05/10/08 04:20	87-86-5	
Phenanthrene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	85-01-8	
Phenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	108-95-2	
Pyrene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	14.3	1	05/02/08 00:00	05/10/08 04:20	88-06-2	
Nitrobenzene-d5 (S)	60 %		30-150	1	05/02/08 00:00	05/10/08 04:20	4165-60-0	
2-Fluorobiphenyl (S)	53 %		30-150	1	05/02/08 00:00	05/10/08 04:20	321-60-8	
Terphenyl-d14 (S)	65 %		30-150	1	05/02/08 00:00	05/10/08 04:20	1718-51-0	
Phenol-d6 (S)	28 %		25-150	1	05/02/08 00:00	05/10/08 04:20	13127-88-3	
2-Fluorophenol (S)	38 %		25-150	1	05/02/08 00:00	05/10/08 04:20	367-12-4	
2,4,6-Tribromophenol (S)	76 %		25-150	1	05/02/08 00:00	05/10/08 04:20	118-79-6	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-3	Lab ID: 9218485006	Collected: 04/30/08 10:30	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	1		05/03/08 06:27	67-64-1	
Benzene	ND	ug/L	5.0	1		05/03/08 06:27	71-43-2	
Bromobenzene	ND	ug/L	5.0	1		05/03/08 06:27	108-86-1	
Bromochloromethane	ND	ug/L	5.0	1		05/03/08 06:27	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	1		05/03/08 06:27	75-27-4	
Bromofluoromethane	ND	ug/L	5.0	1		05/03/08 06:27	75-25-2	
Bromomethane	ND	ug/L	10.0	1		05/03/08 06:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	10.0	1		05/03/08 06:27	78-93-3	
tert-Butyl Alcohol	ND	ug/L	10.0	1		05/03/08 06:27	75-65-0	
n-Butylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1		05/03/08 06:27	58-23-5	
Chlorobenzene	ND	ug/L	5.0	1		05/03/08 06:27	108-90-7	
Chloroethane	ND	ug/L	10.0	1		05/03/08 06:27	75-00-3	
Chloroform	ND	ug/L	5.0	1		05/03/08 06:27	67-68-3	
Chloromethane	5.8	ug/L	5.0	1		05/03/08 06:27	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1		05/03/08 06:27	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1		05/03/08 06:27	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		05/03/08 06:27	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1		05/03/08 06:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1		05/03/08 06:27	106-93-4	
Dibromomethane	ND	ug/L	5.0	1		05/03/08 06:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:27	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1		05/03/08 06:27	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1		05/03/08 06:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	1		05/03/08 06:27	107-08-2	
1,2-Dichloroethene (Total)	ND	ug/L	5.0	1		05/03/08 06:27	540-59-0	
1,1-Dichloroethene	ND	ug/L	5.0	1		05/03/08 06:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	1		05/03/08 06:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	1		05/03/08 06:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1		05/03/08 06:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1		05/03/08 06:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	1		05/03/08 06:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	1		05/03/08 06:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	1		05/03/08 06:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1		05/03/08 06:27	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	1		05/03/08 06:27	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	1		05/03/08 06:27	87-68-3	
2-Hexanone	ND	ug/L	10.0	1		05/03/08 06:27	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	1		05/03/08 06:27	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1		05/03/08 06:27	99-87-6	
Methylene Chloride	ND	ug/L	5.0	1		05/03/08 06:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	10.0	1		05/03/08 06:27	108-10-1	

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ANALYTICAL RESULTS

Project: FIBER 200825
Pace Project No.: 9218485

Sample: P-3	Lab ID: 9218485006	Collected: 04/30/08 10:30	Received: 05/01/08 14:10	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Analytical Method: EPA 8260								
Methyl-tert-butyl ether	ND	ug/L	5.0	1		05/03/08 06:27	1634-04-4	
Naphthalene	ND	ug/L	5.0	1		05/03/08 06:27	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	103-65-1	
Styrene	ND	ug/L	5.0	1		05/03/08 06:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1		05/03/08 06:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	1		05/03/08 06:27	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	1		05/03/08 06:27	127-18-4	
Toluene	ND	ug/L	5.0	1		05/03/08 06:27	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:27	87-61-8	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1		05/03/08 06:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	1		05/03/08 06:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1		05/03/08 06:27	79-00-5	
Trichloroethene	ND	ug/L	5.0	1		05/03/08 06:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	1		05/03/08 06:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	1		05/03/08 06:27	96-16-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	95-83-8	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1		05/03/08 06:27	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1		05/03/08 06:27	108-05-4	
Vinyl chloride	ND	ug/L	5.0	1		05/03/08 06:27	75-01-4	
m&p-Xylene	ND	ug/L	10.0	1		05/03/08 06:27	1330-20-7	
o-Xylene	ND	ug/L	5.0	1		05/03/08 06:27	95-47-8	
4-Bromofluorobenzene (S)	107	%	87-109	1		05/03/08 06:27	460-00-4	
Dibromofluoromethane (S)	96	%	85-115	1		05/03/08 06:27	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	79-120	1		05/03/08 06:27	17060-07-0	
Toluene-d8 (S)	103	%	70-120	1		05/03/08 06:27	2037-26-5	

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QUALIFIERS

Project: FIBER 200825
Pace Project No.: 9218485

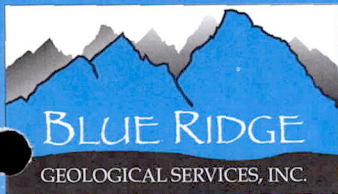
DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
ND - Not Detected at or above adjusted reporting limit.
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
S - Surrogate
1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

ANALYTE QUALIFIERS

1g	Base/neutral surrogate recovery outside of control limits. The data was accepted based on valid recovery of the 2 remaining base/neutral surrogates.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.





^ Environmental

^ Soil and Groundwater
Assessment and Remediation

^ Geology

^ Hydrogeology

^ Phase I Due Diligence

^ Compliance Audits

^ Permitting

^ Stormwater

^ UST Closure

^ Project Management

Jeff Gerlock, L.G.

www.blueridgegeo.com

107 Oakley Court
Archdale, NC 27263

Phone/Fax: 336-431-5454

REPORT OF SOIL REMEDIATION SERVICES

Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, Guilford County, NC

Prepared For:

Fiber Dynamics, Inc.
High Point, North Carolina

Prepared By:

Blue Ridge Geological Services, Inc.
Archdale, North Carolina

BR Project #20091

March 2009





March 17, 2009

Mr. Jim Heery
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, North Carolina 27261

Subject: **Report of Soil Remediation Services
Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, Guilford County, North Carolina**

Dear Mr. Heery:

As authorized by your acceptance of our proposal dated April 4, 2008, ***Blue Ridge Geological Services, Inc. (Blue Ridge)*** personnel performed soil remediation activities at the subject site (Figures 1 through 5). This report includes a brief background regarding the previous work in two areas of concern at the site, a description of the recent field activities, the results obtained, and our conclusions and recommendations.

Background

In September 2004 Blue Ridge personnel performed a Phase II environmental assessment in several areas of the subject property. As summarized in our report dated October 29, 2004, one petroleum constituent (benzo(a)pyrene) was detected in the soil in two borings (B-9 and B-11) at two locations at concentrations above the State action levels (see Table 1 and Figure 3). As indicated on Figures 2 and 3, the two areas of concern were located on the west side of the building along Courtesy Road (buried drum and petroleum-impacted soil) and southeast corner of the building (petroleum-impacted soil). In April 2008 Blue Ridge personnel performed additional assessment activities (borings P-2 and P-4) to further define the extent of petroleum contamination in these two areas. Based on the results of the April 2008 assessment, the petroleum-impacted soils in these two areas appeared limited to a small area horizontally and to a vertical depth of approximately five feet below ground surface (bgs). Therefore, Blue Ridge recommended removal of the petroleum-impacted soil in these two areas.

Field Activities

On February 17, 2009 Blue Ridge and its subcontractor excavated the drum and surrounding petroleum-impacted soil from the area outside the west side of the site building (Figure 4) and the petroleum-impacted soil identified at 3 to 4 feet bgs near the rolloff on the east side of the building (Figure 5). The western excavation was advanced horizontally up to the building footing on the east and several underground utilities on the west. Both excavations were advanced vertically until no soil with a petroleum odor and/or visually staining was observed and/or to a depth of approximately six to seven feet bgs.

On February 17, 2009 approximately 13.25 tons of petroleum-contaminated soil (removed from both excavations) was transported to Earthtec Environmental, Inc. in Bear Creek, North Carolina for disposal. A waste disposal manifest and certificate of acceptance and disposal are attached. Clean overburden soils and imported backfill were placed into the two excavations and compacted using the bucket of the min-excavator. Photographs of the field activities are attached.

The soil in the excavations was fill material consisting of brown and dark brown clayey silt and red brown clayey silt. Silty sand, brick, concrete, abandoned metal pipes, and soil with a petroleum odor were also encountered in the excavation on the west side of the building. No petroleum odors or staining were observed in the soils removed from the excavation outside the east side of the building. No groundwater was encountered in the excavations to a depth of approximately six to seven feet bgs.

Field personnel collected four soil samples (CS-1 through CS-4) from the base and sidewalls of the excavation on the west side of the site and three soil samples (CS-5 through CS-7) from the base and sidewalls of the excavation on the east side of the site. The sample locations are illustrated on Figures 4 and 5. The samples were collected at depths of between 3.5 to seven feet bgs using the bucket of the mini excavator. The soil samples were screened in the field for organic vapors using a portable meter. As shown in Table 1, no organic vapors were detected in the soil samples screened.

A composite soil sample (SP-1) was collected from the stockpile of soil collected from the excavations. The sample was collected from the soil in the truck using a stainless steel shovel and new gloves.

Laboratory Analytical Results

The soil samples were placed into laboratory-prepared containers (some with preservatives), labeled with identifying numbers and sample information, placed into a cooler containing ice, and then transported to Pace Analytical in Huntersville, North Carolina for analysis. A chain-of-custody form was maintained with the samples. The samples from the western excavation were analyzed for volatile organic compounds (VOCs) by EPA Method 8260 and semi-volatile organic compounds (SVOCs) by EPA Method 8270. The samples from the eastern excavation were only analyzed for SVOCs by EPA Method 8270 since no VOCs were detected in soil samples previously obtained and analyzed from this area. The stockpile sample (SP-1) was analyzed for gasoline range organics (GRO) and diesel range organics (DRO) by Method 8015. The results of the laboratory analyses are summarized below:

- No gasoline range organics were detected in the stockpile soil sample. Diesel range organics were detected in the stockpile soil sample at a concentration of 835 milligrams per kilogram (mg/kg).
- No VOCs were detected in the soil samples collected from the base and/or sidewalls of the excavation on the west side of the site (samples CS-1 through CS-4). One SVOC (pyrene) was detected in one soil sample (CS-2) collected from the excavation on the west side of the site. No SVOCs were detected in soil samples CS-1, CS-3, and CS-4.
- No SVOCs were detected in the soil samples collected from the base of the excavation on the east side of the site (samples CS-5, CS-6, and CS-7).

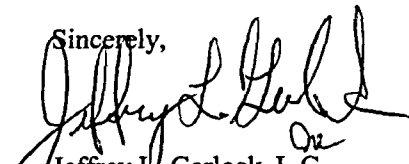
The laboratory report and chain of custody form are attached. Table 1 is a summary of the constituents detected in the soil in these two areas of the site during this and previous sampling events.

Conclusions and Recommendations

The drum and surrounding petroleum-impacted soil were removed from the western excavation. Pyrene (0.422 mg/kg) was the only constituent detected in the soil samples collected from the base and sidewalls of the western excavation. Pyrene was not detected in the soil samples at concentrations above the NCDENR action level (290 mg/kg). No petroleum constituents were detected in the soil samples collected from the base and sidewalls of the eastern excavation. No further assessment or remediation are recommended in these two areas. Blue Ridge recommends that a copy of this report be submitted to the Guilford County Department of Public Health (GCDPH) and the NCDENR for their review.

We appreciate the opportunity to continue to provide our services on this project. Please contact the undersigned if you have any questions concerning the work performed or the data presented in this report.

Sincerely,



Jeffrey L. Gerlock, L.G.
NC Licensed Geologist #1141

Attachments

ATTACHMENTS

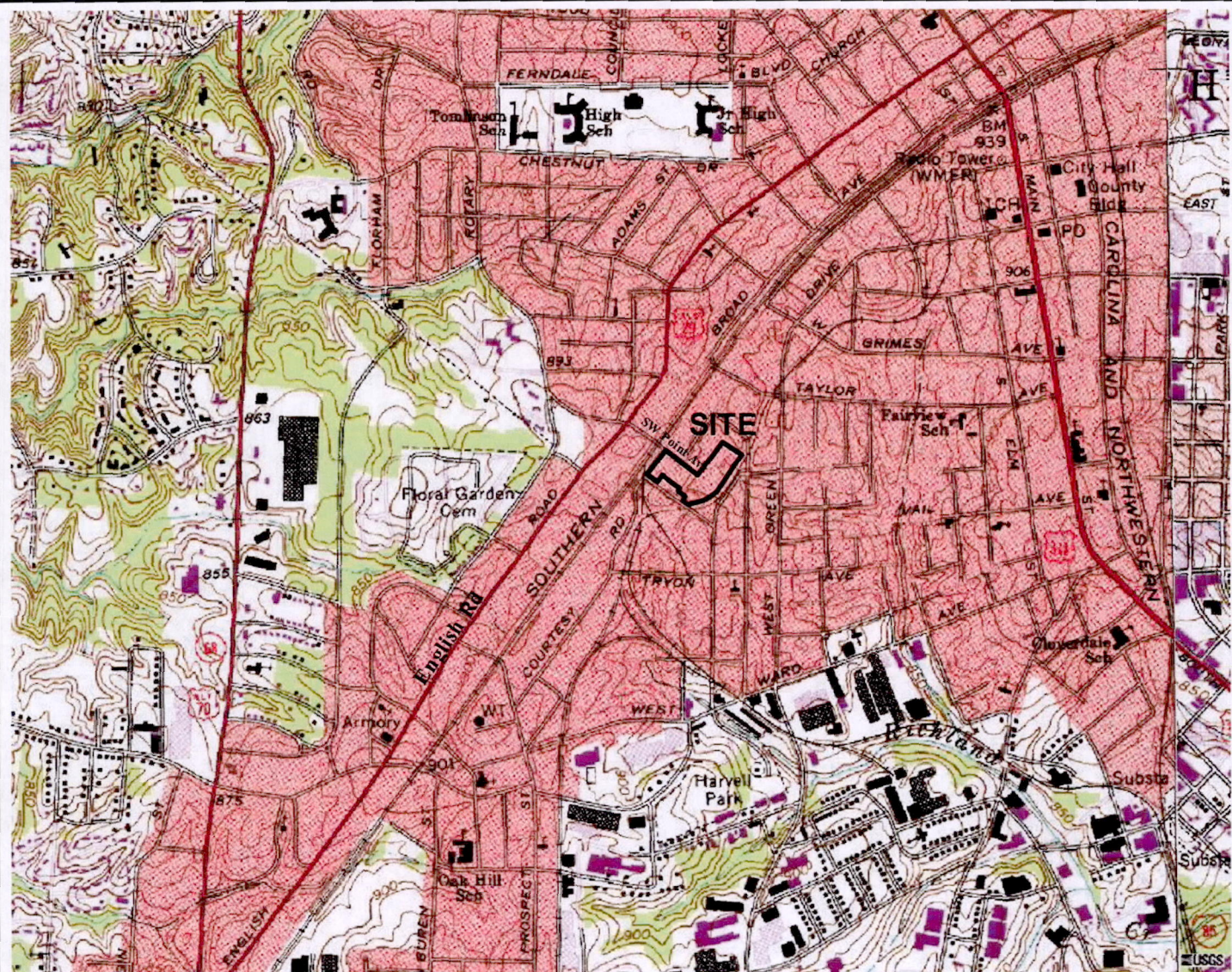
FIGURES

TABLE

PHOTOGRAPHS

**SOIL DISPOSAL MANIFEST AND
CERTIFICATE OF ACCEPTANCE AND DISPOSAL**

**LABORATORY REPORT AND
CHAIN OF CUSTODY RECORD**



Scale: 1 inch = 1,700 feet

REF.: USGS High Point West NC Quadrangle Map dated 1969
photorevised 1987 from Microsoft TerraServer

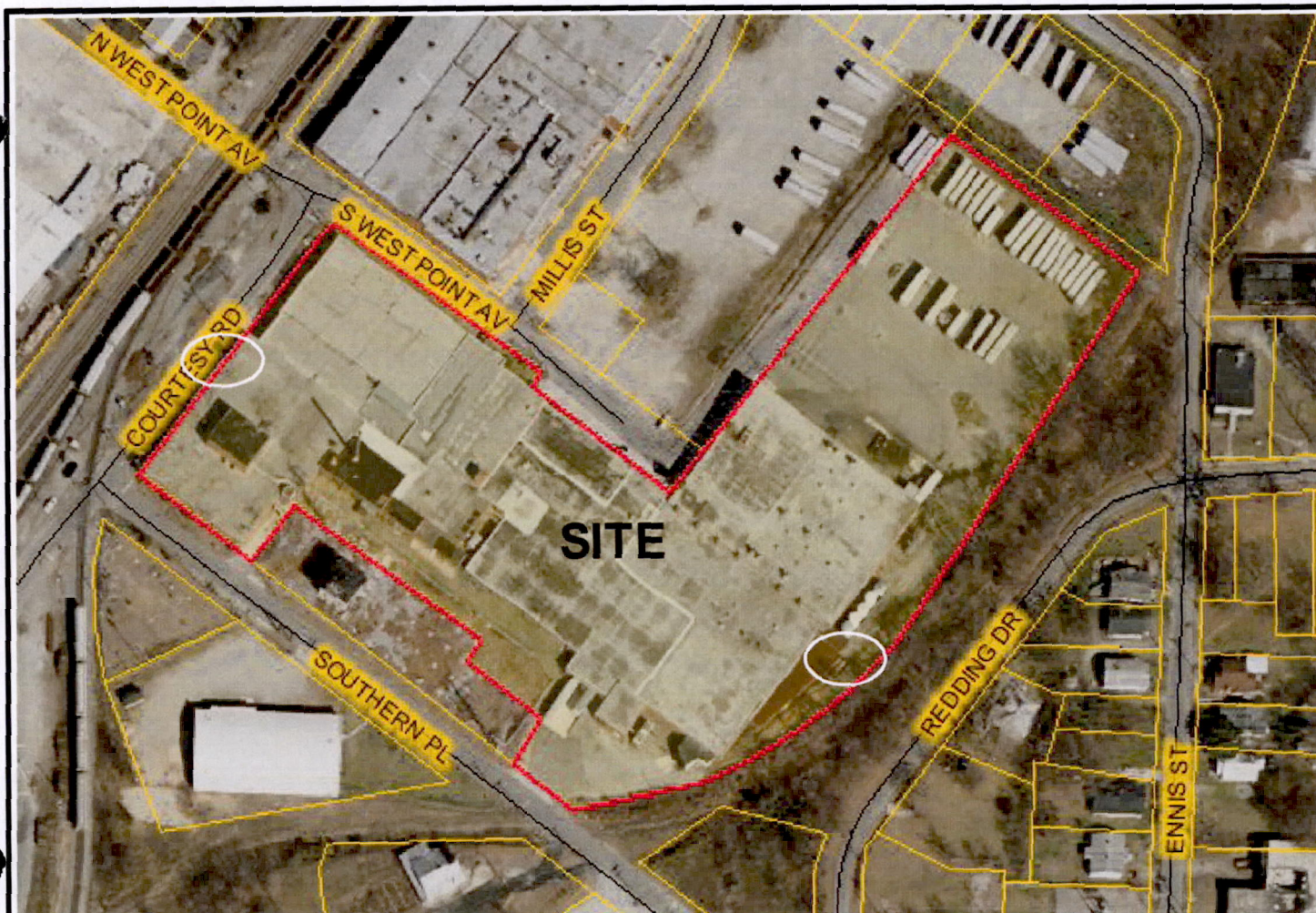


Site Location Map

Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina

Mar 2009

Figure 1



Legend



Areas of Soil Excavation

Scale: 1 inch = 160 feet

REF.: Guilford County NC GIS Website

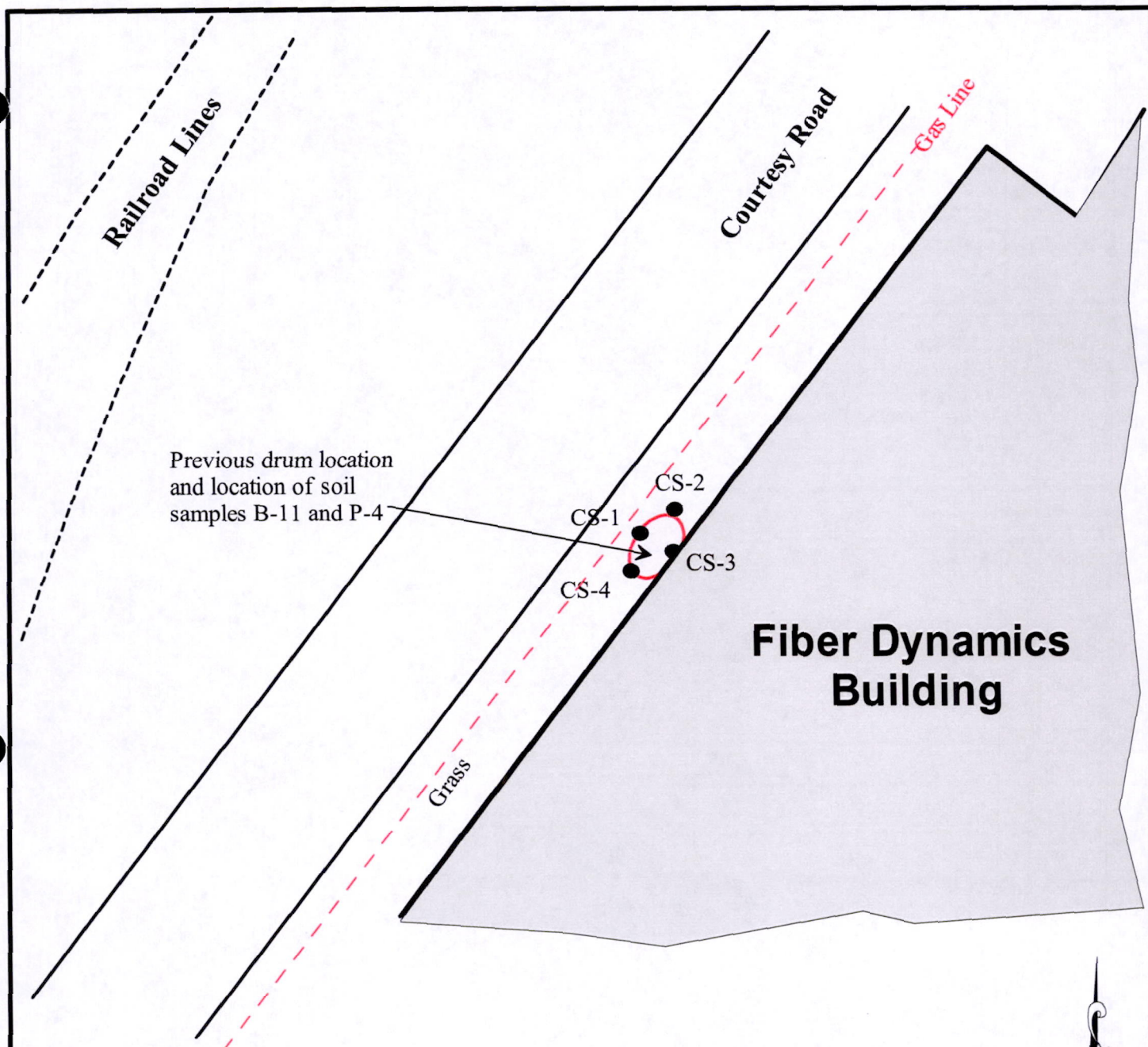


2008 Aerial Photograph


Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina


Mar 2009

Figure 2



Legend

 Area of Soil Excavation

 Soil Sample Location

Scale: 1 inch = 20 feet

REF.: 2008 Aerial from Guilford County NC GIS Website



Soil Excavation (West Side)

Fiber Dynamics
200 South West Point Avenue
High Point, North Carolina

Mar 2009

Figure 4

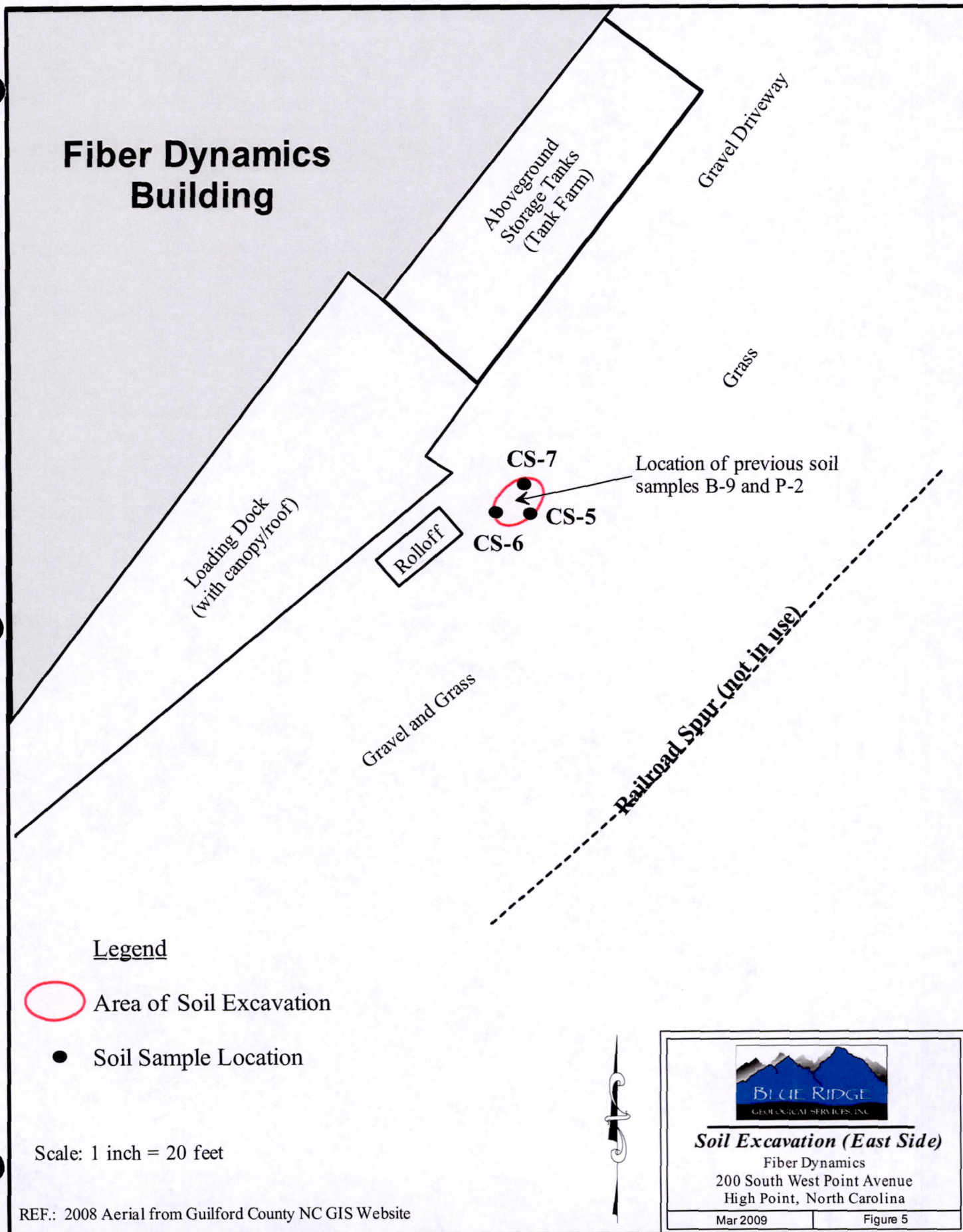


TABLE 1
SUMMARY OF SOIL SAMPLING RESULTS

Parameter		East side of Site						West side of Site						Cleanup Levels		
		Analytical Results														
Sample ID		B-8	B-9	P-2	CS-5	CS-6	CS-7	B-11	P-4	CS-1	CS-2	CS-3	CS-4	NCDENR	USEPA	NCDENR
Sample Depth (ft, bgs)		2 - 3	3 - 4	2 - 4	6	5	5	3 - 4	4 - 6	7	5.5	5.5	5.5	HWS	Residential	UST Section
Field OVA Reading (ppm)	Analytical	72	64	NM	0.0	0.0	0.0	28	1352	0.0	0.0	0.0	0.0	SSL	RBL	Soil-to-Water
Collection Date	Method	9/29/2004	9/29/2004	4/29/2008	2/19/2009	2/19/2009	2/19/2009	9/29/2004	4/29/2008	2/17/2009	2/17/2009	2/17/2009	2/17/2009			MSCC
Volatile Organic Compounds - VOCs																
Carbon disulfide	8260	0.00545	ND	NA	NA	NA	NA	0.00494	NA	ND	ND	ND	ND	4.94	360	4.3
Total VOCs	8260	0.00545	ND	NA	NA	NA	NA	0.00494	NA	ND	ND	ND	ND	NE	NE	NE
Semi-Volatile Organic Compounds - SVOCs																
Benzo(a) anthracene	8270	ND	0.163	ND	ND	ND	ND	0.268	ND	ND	ND	ND	ND	0.343	0.62	0.34
Benzo(a)pyrene	8270	ND	0.213	ND	ND	ND	ND	0.359	ND	ND	ND	ND	ND	0.0928	0.062	0.091
Benzo(b)fluoranthene	8270	ND	0.176	ND	ND	ND	ND	0.453	ND	ND	ND	ND	ND	1.18	0.62	1.2
Benzo(k)fluoranthene	8270	ND	0.16	ND	ND	ND	ND	0.301	ND	ND	ND	ND	ND	11.8	6.2	12
Benzo(g,h,i)perylene	8270	ND	0.138	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	NE	NE	6700
Chrysene	8270	ND	0.163	ND	ND	ND	ND	0.248	ND	ND	ND	ND	ND	38.15	62	38
Fluoranthene	8270	ND	0.339	0.515	ND	ND	ND	0.578	ND	ND	ND	ND	ND	276	2300	280
Indeno(1,2,3-cd)pyrene	8270	ND	0.117	ND	ND	ND	ND	0.28	ND	ND	ND	ND	ND	3.32	0.62	3.3
Phenanthrene	8270	ND	0.209	ND	ND	ND	ND	0.157	ND	ND	ND	ND	ND	59.6	NE	60
Pyrene	8270	ND	0.272	0.466	ND	ND	ND	0.453	ND	ND	0.422	ND	ND	286	2300	290
Total SVOCs	8270	ND	1.950	0.981	ND	ND	ND	3.377	ND	ND	0.422	ND	ND	NE	NE	NE

Notes:

All concentrations are in milligrams per kilogram (mg/kg)

ft, bgs - feet below ground surface

ppm - parts per million using an organic vapor analyzer (OVA)

ND - Not Detected

N/A - Not Applicable

NA - Not Analyzed

NE - Not Established

MSCC = Maximum Soil Contaminant Concentration

NC HWS SSL - North Carolina Hazardous Waste Section Soil Screening Level

RBL = Risk Based Level - Primary Remediation Goal

Bold values are above the NC HWS SSLs, RBL, or MSCCs



Photos 1 and 2: Excavating drum and contaminated soil from west side of building.



Photos 3 and 4: Drum and contaminated soil loaded onto truck for off-site disposal.



Photo 5: Final limits of excavation.



Photo 6: Final grade after backfilling excavation.



Photos 7 and 8: Excavating contaminated soil from southeast corner of building.



Photos 9 and 10: Loading contaminated soil into truck for off-site disposal.



Photo 11: Final limits of excavation.



Photo 12: Final grade after backfilling excavation.

Earthtec of NC, Inc.
Post Office Box 130
Sanford, NC 27331
Phone #: 919-774-4517
Fax #: 919-774-6415

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2009
JESSIE GODFREY 31795

INVALID UNLESS SIGNED

252 10-40.

50700 15 GR RECALLED
24120 15 TR
26580 15 NT

02/19/09 14:20

NON-HAZARDOUS WASTE MANIFEST

Project Number: 20091	Load Number: 1
Consultant: Blue Ridge Geological Services, Inc. 306 Eden Terrace, Suite C, Archdale, NC 27263	Contact: Jeff Gerlock 336-382-6849
Generator: Fiber Dynamics, Inc. 200 South West Point Ave High Point, NC 27261	Contact: Jim Heery Phone: 336-886-7111
Transporter: <i>Lambeth Products</i> <i>308 Gyle Drive</i> <i>Archdale, NC 27263</i>	Contact: <i>Barry Lambeth</i> <i>Ronald Brown</i> <i>442-2240 M</i> Phone <i>336-431-3422</i>
Destination: Earthtec Environmental, Inc 3145 Rosser Road, Bear Creek, NC 27207	Contact: Scott Keller Phone: 919-774-4517 or 919-770-4258
Waste Description: Non Haz Petroleum- Impacted Soil	Waste Origination: Fiber Dynamics 200 South West Point Ave, High Pt
Truck #: <i>001</i>	Gross Weight: <i>50700</i>
	Tare Weight: <i>24120</i>
	Net Weight: <i>26580</i>
	<i>TUN 13.25</i>

Generator's Certification: I certify that the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of HAZARDOUS WASTE.

Jeff Gerlock *Agent for Fiber* *2/19/09*
Generator / Agent Signature Title Date
Acknowledgment of Receipt of Material: *Ronald Brown* *2/19/09 X*
Drivers Signature Date

Noted Discrepancies: _____

Inspected & Accepted (except as noted above By: Earthtec Environmental, Inc.

Accepted By: *June* Date: *2-19-09*

Earthtec of NC, Inc.

PO Box 130
Sanford, NC 27331-0130
Phone: 919.774.4517
Fax: 919.776.6415

CERTIFICATE OF ACCEPTANCE AND DISPOSAL

ISSUED TO: BLUE RIDGE GEOLOGICAL SERVICES

ADDRESS: 306 EDEN TERRACE, SUITE C.

ADDRESS: ARCHDALE, NC 27263

DATE: FEBRUARY 19, 2009

Earthtec of NC, Inc. hereby accepts full responsibility and liability for **13.25 tons**
of contaminated soil from:

FIBER DYNAMICS, INC.

200 SOUTH WEST POINT AVE

HIGH POINT, NC 27261

Earthtec of NC, Inc. guarantees the contaminated material will be treated to below
regulatory standards established by the North Carolina Department of Environmental and
Natural Resources for clean soil.

Earthtec of NC, Inc.

By: 

M. Scott Keller, President



Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7178

Pace Analytical Services, Inc.
9800 Kinsey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

March 03, 2009

Mr. Jeff Gerlock
Blue Ridge Geological Services
306 Eden Terrace
Suite C
Archdale, NC 27263

RE: Project: FIBER 20091
Pace Project No.: 9238403

Dear Mr. Gerlock:

Enclosed are the analytical results for sample(s) received by the laboratory on February 19, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brenda Pathammavong

brenda.pathammavong@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FIBER 20091
Pace Project No.: 9238403

Charlotte Certification IDs
West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
Connecticut Certification #: PH-0104

North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37706
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NELAP Certification #: E87627
North Carolina Wastewater Certification #: 12

Asheville Certification IDs
West Virginia Certification #: 356
Virginia Certification #: 00072
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 99030002

Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40
North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095

Eden Certification IDs
North Carolina Wastewater Certification #: 633
Virginia Drinking Water Certification #: 00424

North Carolina Drinking Water Certification #: 37738

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(704)875-9092

SAMPLE SUMMARY

Project: FIBER 20091
Pace Project No.: 9238403

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9238403001	CS-1	Solid	02/17/09 15:08	02/19/09 14:40
9238403002	CS-2	Solid	02/17/09 15:10	02/19/09 14:40
9238403003	CS-3	Solid	02/17/09 15:13	02/19/09 14:40
9238403004	CS-4	Solid	02/17/09 15:25	02/19/09 14:40
9238403005	SP-1	Solid	02/17/09 15:20	02/19/09 14:40
9238403006	CS-5	Solid	02/19/09 09:30	02/19/09 14:40
9238403007	CS-6	Solid	02/19/09 09:45	02/19/09 14:40
9238403008	CS-7	Solid	02/19/09 09:50	02/19/09 14:40

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SAMPLE ANALYTE COUNT

Project: FIBER 20091
Pace Project No.: 9238403

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9238403001	CS-1	ASTM D2974-87	TNM	1
		EPA 8260	DLK	71
		EPA 8270	BET	75
9238403002	CS-2	ASTM D2974-87	TNM	1
		EPA 8260	DLK	71
		EPA 8270	BET	75
9238403003	CS-3	ASTM D2974-87	TNM	1
		EPA 8260	DLK	71
		EPA 8270	BET	75
9238403004	CS-4	ASTM D2974-87	TNM	1
		EPA 8260	DLK	71
		EPA 8270	BET	75
9238403005	SP-1	EPA 8015 Modified	DHW, JAC	4
9238403006	CS-5	EPA 8270	BET	75
9238403007	CS-6	EPA 8270	BET	75
9238403008	CS-7	EPA 8270	BET	75

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(704)875-9092

ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-1 Lab ID: 9238403001 Collected: 02/17/09 15:06 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	83-32-9	D3
Acenaphthylene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	208-96-8	
Aniline	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	62-53-3	
Anthracene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	120-12-7	
Benzo(a)anthracene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	56-55-3	
Benzo(a)pyrene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	207-08-9	
Benzoic Acid	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	65-85-0	
Benzyl alcohol	ND	ug/kg	17200	20	02/25/09 00:00	03/03/09 05:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	101-55-3	
Butylbenzylphthalate	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	17200	20	02/25/09 00:00	03/03/09 05:13	59-50-7	
4-Chloroaniline	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	108-00-1	
2-Chloronaphthalene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	91-58-7	
2-Chlorophenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	7005-72-3	
Chrysene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	53-70-3	
Dibenzofuran	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	120-83-2	
Diethylphthalate	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	105-67-9	
Dimethylphthalate	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	131-11-3	
Di-n-butylphthalate	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	17200	20	02/25/09 00:00	03/03/09 05:13	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	606-20-2	
Di-n-octylphthalate	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	117-81-7	
Fluoranthene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	206-44-0	
Fluorene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	87-58-3	
Hexachlorobenzene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	77-47-4	
Hexachloroethane	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	67-72-1	

Date: 03/03/2009 06:15 PM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-1 Lab ID: 9238403001 Collected: 02/17/09 15:06 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	193-39-5	
Isochlorophene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	78-59-1	
1-Methylnaphthalene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	90-12-0	
2-Methylnaphthalene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	95-48-7	
3,4,4'-Methylphenol(m&p Cresol)	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13		
Naphthalene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	91-20-3	
2-Nitroaniline	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	88-74-4	
3-Nitroaniline	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	99-09-2	
4-Nitroaniline	ND	ug/kg	17200	20	02/25/09 00:00	03/03/09 05:13	100-01-6	
Nitrobenzene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	98-95-3	
2-Nitrophenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	88-75-5	
4-Nitrophenol	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	86-30-6	
Pentachlorophenol	ND	ug/kg	43000	20	02/25/09 00:00	03/03/09 05:13	87-86-5	
Phenanthrene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	85-01-8	
Phenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	108-95-2	
Pyrene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	8600	20	02/25/09 00:00	03/03/09 05:13	88-06-2	
Nitrobenzene-d5 (S)	70 %		30-150	20	02/25/09 00:00	03/03/09 05:13	4165-60-0	
2-Fluorobiphenyl (S)	75 %		46-120	20	02/25/09 00:00	03/03/09 05:13	321-60-8	
Terphenyl-d14 (S)	94 %		38-108	20	02/25/09 00:00	03/03/09 05:13	1718-51-0	
Phenol-d6 (S)	57 %		35-120	20	02/25/09 00:00	03/03/09 05:13	13127-88-3	
2-Fluorophenol (S)	54 %		24-120	20	02/25/09 00:00	03/03/09 05:13	367-12-4	
2,4,6-Tribromophenol (S)	71 %		44-136	20	02/25/09 00:00	03/03/09 05:13	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND	ug/kg	99.0	1		02/27/09 01:16	67-64-1	
Benzene	ND	ug/kg	5.0	1		02/27/09 01:16	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	108-96-1	
Bromochloromethane	ND	ug/kg	5.0	1		02/27/09 01:16	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		02/27/09 01:16	75-27-4	
Bromoform	ND	ug/kg	5.0	1		02/27/09 01:16	75-25-2	
Bromomethane	ND	ug/kg	9.9	1		02/27/09 01:16	74-83-9	
n-Butanone (MEK)	ND	ug/kg	99.0	1		02/27/09 01:16	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	98-06-8	
Carbon tetrachloride	ND	ug/kg	5.0	1		02/27/09 01:16	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	108-90-7	
Chloroethane	ND	ug/kg	9.9	1		02/27/09 01:16	75-00-3	
Chloroform	ND	ug/kg	5.0	1		02/27/09 01:16	67-66-3	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-1 Lab ID: 9238403001 Collected: 02/17/09 15:06 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Chloromethane	ND	ug/kg	9.9	1		02/27/09 01:16	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		02/27/09 01:16	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		02/27/09 01:16	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1		02/27/09 01:16	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1		02/27/09 01:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		02/27/09 01:16	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		02/27/09 01:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	106-48-7	
Dichlorodifluoromethane	ND	ug/kg	9.9	1		02/27/09 01:16	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		02/27/09 01:16	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		02/27/09 01:16	107-08-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		02/27/09 01:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		02/27/09 01:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		02/27/09 01:16	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		02/27/09 01:16	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		02/27/09 01:16	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		02/27/09 01:16	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		02/27/09 01:16	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		02/27/09 01:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		02/27/09 01:16	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.0	1		02/27/09 01:16	108-20-3	
Ethylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		02/27/09 01:16	87-68-3	
2-Hexanone	ND	ug/kg	49.5	1		02/27/09 01:16	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		02/27/09 01:16	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.0	1		02/27/09 01:16	99-87-6	
Methylene Chloride	ND	ug/kg	19.8	1		02/27/09 01:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.5	1		02/27/09 01:16	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		02/27/09 01:16	1634-04-4	
Naphthalene	ND	ug/kg	5.0	1		02/27/09 01:16	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	103-65-1	
Styrene	ND	ug/kg	5.0	1		02/27/09 01:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		02/27/09 01:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		02/27/09 01:16	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		02/27/09 01:16	127-18-4	
Toluene	ND	ug/kg	5.0	1		02/27/09 01:16	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		02/27/09 01:16	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		02/27/09 01:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		02/27/09 01:16	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		02/27/09 01:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		02/27/09 01:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		02/27/09 01:16	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	95-63-6	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-1 Lab ID: 9238403001 Collected: 02/17/09 15:06 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1		02/27/09 01:16	108-67-8	
Vinyl acetate	ND	ug/kg	49.5	1		02/27/09 01:16	108-05-4	
Vinyl chloride	ND	ug/kg	9.9	1		02/27/09 01:16	75-01-4	
Xylene (Total)	ND	ug/kg	9.9	1		02/27/09 01:16	1330-20-7	
m&p-Xylene	ND	ug/kg	9.9	1		02/27/09 01:16	1330-20-7	
o-Xylene	ND	ug/kg	5.0	1		02/27/09 01:16	95-47-6	
Dibromofluoromethane (S)	101	%	79-116	1		02/27/09 01:16	1868-53-7	
Toluene-d8 (S)	105	%	88-110	1		02/27/09 01:16	2037-26-5	
4-Bromofluorobenzene (S)	90	%	74-115	1		02/27/09 01:16	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	69-121	1		02/27/09 01:16	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture 23.3 % 0.10 1 02/20/09 08:40

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-2 Lab ID: 9238403002 Collected: 02/17/09 15:10 Received: 02/19/09 14:40 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	83-32-9	
Acenaphthylene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	208-96-8	
Aniline	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	62-53-3	
Anthracene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	58-55-3	
Benzo(a)pyrene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	207-08-9	
Benzoic Acid	2020	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	65-85-0	
Benzyl alcohol	ND	ug/kg	808	1	02/25/09 00:00	02/28/09 06:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	101-55-3	
Butylbenzylphthalate	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	808	1	02/25/09 00:00	02/28/09 06:58	59-50-7	
4-Chloroaniline	2020	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	108-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	108-60-1	
2-Chloronaphthalene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	91-58-7	
2-Chlorophenol	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	7005-72-3	
Chrysene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	53-70-3	
Dibenzofuran	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2020	1	02/25/09 00:00	02/28/09 06:58	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	120-83-2	
Diethylphthalate	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	105-67-9	
Dimethylphthalate	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	131-11-3	
Di-n-butylphthalate	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	808	1	02/25/09 00:00	02/28/09 06:58	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2020	1	02/25/09 00:00	02/28/09 06:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	608-20-2	
Di-n-octylphthalate	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	117-61-7	
Fluoranthene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	208-44-0	
Fluorene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	87-69-3	
Hexachlorobenzene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	77-47-4	
Hexachloroethane	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-2 Lab ID: 9238403002 Collected: 02/17/09 15:10 Received: 02/19/09 14:40 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	193-39-5	
Isochlorophene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	78-59-1	
1-Methylnaphthalene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	90-12-0	
2-Methylnaphthalene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	91-57-8	
2-Methylphenol(o-Cresol)	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	95-48-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	91-20-3	
Naphthalene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	88-74-4	
2-Nitroaniline	2020	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	99-09-2	
3-Nitroaniline	2020	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	100-01-6	
4-Nitroaniline	808	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	98-95-3	
Nitrobenzene	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	88-75-5	
2-Nitrophenol	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	100-02-7	
4-Nitrophenol	2020	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	62-75-9	
N-Nitrosodimethylamine	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	621-64-7	
N-Nitroso-di-n-propylamine	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	86-30-8	
N-Nitrosodiphenylamine	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	87-66-5	
Pentachlorophenol	2020	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	85-01-8	
Phenanthrene	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	108-95-2	
Phenol	404	ND	ug/kg	1	02/25/09 00:00	02/28/09 06:58	129-00-0	
Pyrene	422	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	120-82-1	
1,2,4-Trichlorobenzene	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	404	1	02/25/09 00:00	02/28/09 06:58	88-06-2	
Nitrobenzene-d5 (S)	79	%	30-150	1	02/25/09 00:00	02/28/09 06:58	4165-60-0	
2-Fluorobiphenyl (S)	88	%	46-120	1	02/25/09 00:00	02/28/09 06:58	321-60-8	
Terphenyl-d14 (S)	81	%	38-108	1	02/25/09 00:00	02/28/09 06:58	1718-51-0	
Phenol-d6 (S)	89	%	35-120	1	02/25/09 00:00	02/28/09 06:58	13127-88-3	
2-Fluorophenol (S)	85	%	24-120	1	02/25/09 00:00	02/28/09 06:58	367-12-4	
2,4,6-Tribromophenol (S)	94	%	44-136	1	02/25/09 00:00	02/28/09 06:58	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND	ug/kg	85.4	1	02/27/09 01:34	02/27/09 01:34	67-64-1	
Benzene	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	108-96-1	
Bromochloromethane	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	75-27-4	
Bromoform	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	75-25-2	
Bromomethane	ND	ug/kg	8.5	1	02/27/09 01:34	02/27/09 01:34	74-83-9	
n-Butanol (MEK)	ND	ug/kg	85.4	1	02/27/09 01:34	02/27/09 01:34	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	104-61-8	
sec-Butylbenzene	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	98-06-8	
Carbon tetrachloride	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	108-90-7	
Chloroethane	ND	ug/kg	8.5	1	02/27/09 01:34	02/27/09 01:34	75-00-3	
Chloroform	ND	ug/kg	4.3	1	02/27/09 01:34	02/27/09 01:34	67-66-3	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-2 Lab ID: 9238403002 Collected: 02/17/09 15:10 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Chloromethane	ND	ug/kg	8.5	1		02/27/09 01:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.3	1		02/27/09 01:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1		02/27/09 01:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	1		02/27/09 01:34	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1		02/27/09 01:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1		02/27/09 01:34	106-93-4	
Dibromomethane	ND	ug/kg	4.3	1		02/27/09 01:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1		02/27/09 01:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1		02/27/09 01:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1		02/27/09 01:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.5	1		02/27/09 01:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1		02/27/09 01:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1		02/27/09 01:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.3	1		02/27/09 01:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1		02/27/09 01:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1		02/27/09 01:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1		02/27/09 01:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1		02/27/09 01:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1		02/27/09 01:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1		02/27/09 01:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1		02/27/09 01:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1		02/27/09 01:34	10061-02-8	
Diisopropyl ether	ND	ug/kg	4.3	1		02/27/09 01:34	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1		02/27/09 01:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1		02/27/09 01:34	87-68-3	
2-Hexanone	ND	ug/kg	42.7	1		02/27/09 01:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1		02/27/09 01:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1		02/27/09 01:34	99-87-8	
Methylene Chloride	ND	ug/kg	17.1	1		02/27/09 01:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.7	1		02/27/09 01:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1		02/27/09 01:34	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1		02/27/09 01:34	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1		02/27/09 01:34	103-65-1	
Styrene	ND	ug/kg	4.3	1		02/27/09 01:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1		02/27/09 01:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1		02/27/09 01:34	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1		02/27/09 01:34	127-18-4	
Toluene	ND	ug/kg	4.3	1		02/27/09 01:34	106-98-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1		02/27/09 01:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1		02/27/09 01:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1		02/27/09 01:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1		02/27/09 01:34	79-00-5	
Trichloroethene	ND	ug/kg	4.3	1		02/27/09 01:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1		02/27/09 01:34	75-88-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1		02/27/09 01:34	96-16-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1		02/27/09 01:34	95-63-8	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-2 Lab ID: 9238403002 Collected: 02/17/09 15:10 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1		02/27/09 01:34	106-67-8	
Vinyl acetate	ND	ug/kg	42.7	1		02/27/09 01:34	106-05-4	
Vinyl chloride	ND	ug/kg	8.5	1		02/27/09 01:34	75-01-4	
Xylene (Total)	ND	ug/kg	8.5	1		02/27/09 01:34	1330-20-7	
m&p-Xylene	ND	ug/kg	8.5	1		02/27/09 01:34	1330-20-7	
o-Xylene	ND	ug/kg	4.3	1		02/27/09 01:34	95-47-8	
Dibromofluoromethane (S)	99	%	79-116	1		02/27/09 01:34	1868-53-7	
Toluene-d8 (S)	106	%	88-110	1		02/27/09 01:34	2037-26-5	
4-Bromofluorobenzene (S)	93	%	74-115	1		02/27/09 01:34	480-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-121	1		02/27/09 01:34	17060-07-0	

Percent Moisture

Analytical Method: ASTM D2974-87

Percent Moisture 18.3 % 0.10 1 02/20/09 08:40

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-3 Lab ID: 9238403003 Collected: 02/17/09 15:13 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3548								
Acenaphthene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	83-32-9	
Acenaphthylene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	208-96-8	
Aniline	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	62-53-3	
Anthracene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	120-12-7	
Benzo(a)anthracene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	56-55-3	
Benzo(a)pyrene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	207-08-9	
Benzoic Acid	2180	1	02/25/09 00:00	02/28/09 07:20	65-85-0			
Benzyl alcohol	862	1	02/25/09 00:00	02/28/09 07:20	100-51-6			
4-Bromophenylphenyl ether	431	1	02/25/09 00:00	02/28/09 07:20	101-55-3			
Butylbenzylphthalate	431	1	02/25/09 00:00	02/28/09 07:20	85-88-7			
4-Chloro-3-methylphenol	862	1	02/25/09 00:00	02/28/09 07:20	58-50-7			
4-Chloroaniline	2180	1	02/25/09 00:00	02/28/09 07:20	106-47-8			
bis(2-Chloroethoxy)methane	431	1	02/25/09 00:00	02/28/09 07:20	111-91-1			
bis(2-Chloroethyl) ether	431	1	02/25/09 00:00	02/28/09 07:20	111-44-4			
bis(2-Chloroisopropyl) ether	431	1	02/25/09 00:00	02/28/09 07:20	108-90-1			
2-Chloronaphthalene	431	1	02/25/09 00:00	02/28/09 07:20	91-58-7			
2-Chlorophenol	431	1	02/25/09 00:00	02/28/09 07:20	95-57-8			
4-Chlorophenylphenyl ether	431	1	02/25/09 00:00	02/28/09 07:20	7005-72-3			
Chrysene	431	1	02/25/09 00:00	02/28/09 07:20	218-01-9			
Dibenz(a,h)anthracene	431	1	02/25/09 00:00	02/28/09 07:20	53-70-3			
Dibenzofuran	431	1	02/25/09 00:00	02/28/09 07:20	132-64-9			
1,2-Dichlorobenzene	431	1	02/25/09 00:00	02/28/09 07:20	95-50-1			
1,3-Dichlorobenzene	431	1	02/25/09 00:00	02/28/09 07:20	541-73-1			
1,4-Dichlorobenzene	431	1	02/25/09 00:00	02/28/09 07:20	106-46-7			
3,3'-Dichlorobenzidine	2180	1	02/25/09 00:00	02/28/09 07:20	91-94-1			
2,4-Dichlorophenol	431	1	02/25/09 00:00	02/28/09 07:20	120-83-2			
Diethylphthalate	431	1	02/25/09 00:00	02/28/09 07:20	84-86-2			
2,4-Dimethylphenol	431	1	02/25/09 00:00	02/28/09 07:20	105-67-9			
Dimethylphthalate	431	1	02/25/09 00:00	02/28/09 07:20	131-11-3			
Di-n-butylphthalate	431	1	02/25/09 00:00	02/28/09 07:20	84-74-2			
4,6-Dinitro-2-methylphenol	862	1	02/25/09 00:00	02/28/09 07:20	534-52-1			
2,4-Dinitrophenol	2180	1	02/25/09 00:00	02/28/09 07:20	51-28-5			
2,4-Dinitrotoluene	431	1	02/25/09 00:00	02/28/09 07:20	121-14-2			
2,6-Dinitrotoluene	431	1	02/25/09 00:00	02/28/09 07:20	606-20-2			
Di-n-octylphthalate	431	1	02/25/09 00:00	02/28/09 07:20	117-84-0			
1,2-Diphenylhydrazine	431	1	02/25/09 00:00	02/28/09 07:20	122-66-7			
bis(2-Ethylhexyl)phthalate	431	1	02/25/09 00:00	02/28/09 07:20	117-81-7			
Fluorenone	431	1	02/25/09 00:00	02/28/09 07:20	206-44-0			
Fluorene	431	1	02/25/09 00:00	02/28/09 07:20	86-73-7			
Hexachloro-1,3-butadiene	431	1	02/25/09 00:00	02/28/09 07:20	87-69-3			
Hexachlorobenzene	431	1	02/25/09 00:00	02/28/09 07:20	118-74-1			
Hexachlorocyclopentadiene	431	1	02/25/09 00:00	02/28/09 07:20	77-47-4			
Hexachloroethane	431	1	02/25/09 00:00	02/28/09 07:20	67-72-1			

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-3 Lab ID: 9238403003 Collected: 02/17/09 15:13 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3548								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	183-39-5	
Iaophorone	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	78-59-1	
1-Methylnaphthalene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	90-12-0	
2-Methylnaphthalene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	91-57-8	
2-Methylphenol(o-Cresol)	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	95-49-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20		
Naphthalene	ND	ug/kg	431	1	02/25/09 00:00	02/28/09 07:20	91-20-3	
2-Nitroaniline	2180	1	02/25/09 00:00	02/28/09 07:20	88-74-4			
3-Nitroaniline	2180	1	02/25/09 00:00	02/28/09 07:20	99-09-2			
4-Nitroaniline	862	1	02/25/09 00:00	02/28/09 07:20	100-01-6			
Nitrobenzene	431	1	02/25/09 00:00	02/28/09 07:20	98-95-3			
2-Nitrophenol	431	1	02/25/09 00:00	02/28/09 07:20	88-75-5			
4-Nitrophenol	2180	1	02/25/09 00:00	02/28/09 07:20	100-02-7			
N-Nitrosodimethylamine	431	1	02/25/09 00:00	02/28/09 07:20	62-75-9			
N-Nitroso-di-n-propylamine	431	1	02/25/09 00:00	02/28/09 07:20	621-64-7			
N-Nitrosodiphenylamine	431	1	02/25/09 00:00	02/28/09 07:20	86-30-6			
Pentachlorophenol	2180	1	02/25/09 00:00	02/28/09 07:20	87-86-5			
Phenanthrene	431	1	02/25/09 00:00	02/28/09 07:20	85-01-8			
Phenol	431	1	02/25/09 00:00	02/28/09 07:20	108-95-2			
Pyrene	431	1	02/25/09 00:00	02/28/09 07:20	129-00-0			
1,2,4-Trichlorobenzene	431	1	02/25/09 00:00	02/28/09 07:20	120-82-1			
2,4,5-Trichlorophenol	431	1	02/25/09 00:00	02/28/09 07:20	95-95-4			
2,4,6-Trichlorophenol	431	1	02/25/09 00:00	02/28/09 07:20	88-06-2			
Nitrobenzene-d5 (S)	78 %		30-150	1	02/25/09 00:00	02/28/09 07:20	4165-60-0	
2-Fluorobiphenyl (S)	78 %		46-120	1	02/25/09 00:00	02/28/09 07:20	321-60-8	
Terphenyl-d14 (S)	83 %		38-108	1	02/25/09 00:00	02/28/09 07:20	1718-51-0	
Phenol-d6 (S)	96 %		35-120	1	02/25/09 00:00	02/28/09 07:20	13127-88-3	
2-Fluorophenol (S)	83 %		24-120	1	02/25/09 00:00	02/28/09 07:20	367-12-4	
2,4,6-Tribromophenol (S)	88 %		44-136	1	02/25/09 00:00	02/28/09 07:20	118-79-8	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND	ug/kg	96.9	1	02/27/09 01:53	02/27/09 01:53	67-64-1	
Benzene	ND	ug/kg	4.8	1	02/27/09 01:53	02/27/09 01:53	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1	02/27/09 01:53	02/27/09 01:53	108-96-1	
Bromochloromethane	ND	ug/kg	4.8	1	02/27/09 01:53	02/27/09 01:53	74-97-4	
Bromodichloromethane	ND	ug/kg	4.8	1	02/27/09 01:53	02/27/09 01:53	75-27-5	
Bromoform	ND	ug/kg	4.8	1	02/27/09 01:53	02/27/09 01:53	75-25-2	
Bromomethane	9.7	1	02/27/09 01:53	02/27/09 01:53	74-83-9			
2-Butanone (MEK)	96.9	1	02/27/09 01:53	02/27/09 01:53	78-93-3			
n-Butylbenzene	4.8	1	02/27/09 01:53	02/27/09 01:53	104-51-8			
sec-Butylbenzene	4.8	1	02/27/09 01:53	02/27/09 01:53	135-98-8			
tert-Butylbenzene	4.8	1	02/27/09 01:53	02/27/09 01:53	98-06-6			
Carbon tetrachloride	4.8	1	02/27/09 01:53	02/27/09 01:53	56-23-5			
Chlorobenzene	4.8	1	02/27/09 01:53	02/27/09 01:53	108-90-7			
Chloroethane	9.7	1	02/27/09 01:53	02/27/09 01:53	75-00-3			
Chloroform	4.8	1	02/27/09 01:53	02/27/09 01:53	67-66-3			

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-3 Lab ID: 9238403003 Collected: 02/17/09 15:13 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Chloromethane	ND	ug/kg	9.7	1		02/27/09 01:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.8	1		02/27/09 01:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1		02/27/09 01:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	1		02/27/09 01:53	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1		02/27/09 01:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1		02/27/09 01:53	106-93-4	
Dibromomethane	ND	ug/kg	4.8	1		02/27/09 01:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1		02/27/09 01:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1		02/27/09 01:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1		02/27/09 01:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.7	1		02/27/09 01:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1		02/27/09 01:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	1		02/27/09 01:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1		02/27/09 01:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1		02/27/09 01:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1		02/27/09 01:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1		02/27/09 01:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1		02/27/09 01:53	142-29-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1		02/27/09 01:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1		02/27/09 01:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1		02/27/09 01:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1		02/27/09 01:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1		02/27/09 01:53	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1		02/27/09 01:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1		02/27/09 01:53	87-68-3	
2-Hexanone	ND	ug/kg	48.5	1		02/27/09 01:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1		02/27/09 01:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1		02/27/09 01:53	99-87-6	
Methylene Chloride	ND	ug/kg	19.4	1		02/27/09 01:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.5	1		02/27/09 01:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1		02/27/09 01:53	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1		02/27/09 01:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1		02/27/09 01:53	103-65-1	
Styrene	ND	ug/kg	4.8	1		02/27/09 01:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	1		02/27/09 01:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1		02/27/09 01:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1		02/27/09 01:53	127-18-4	
Toluene	ND	ug/kg	4.8	1		02/27/09 01:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	1		02/27/09 01:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1		02/27/09 01:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1		02/27/09 01:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	1		02/27/09 01:53	79-00-5	
Trichloroethene	ND	ug/kg	4.8	1		02/27/09 01:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	1		02/27/09 01:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1		02/27/09 01:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1		02/27/09 01:53	95-63-8	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-3 Lab ID: 9238403003 Collected: 02/17/09 15:13 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1		02/27/09 01:53	106-67-8	
Vinyl acetate	ND	ug/kg	48.5	1		02/27/09 01:53	108-05-4	
Vinyl chloride	ND	ug/kg	9.7	1		02/27/09 01:53	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	1		02/27/09 01:53	1330-20-7	
m,p-Xylene	ND	ug/kg	9.7	1		02/27/09 01:53	1330-20-7	
o-Xylene	ND	ug/kg	4.8	1		02/27/09 01:53	95-47-8	
Dibromofluoromethane (S)	98	%	79-116	1		02/27/09 01:53	1868-53-7	
Toluene-d8 (S)	108	%	88-110	1		02/27/09 01:53	2037-28-5	
4-Bromofluorobenzene (S)	98	%	74-115	1		02/27/09 01:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	69-121	1		02/27/09 01:53	17060-07-0	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	23.5	%	0.10	1		02/20/09 08:40		

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-4 Lab ID: 9238403004 Collected: 02/17/09 15:25 Received: 02/19/09 14:40 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acephenanthrene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	83-32-9	
Acephenanthylene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	208-98-8	
Aniline	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	62-53-3	
Anthracene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	58-55-3	
Benzo(a)pyrene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	207-08-9	
Benzoic Acid	2130	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	65-85-0	
Benzyl alcohol	ND	ug/kg	854	1	02/25/09 00:00	02/28/09 07:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	854	1	02/25/09 00:00	02/28/09 07:42	59-50-7	
4-Chloroaniline	ND	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	108-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	108-60-1	
2-Chloronaphthalene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	91-58-7	
2-Chlorophenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	7005-72-3	
Chrysene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	53-70-3	
Dibenzofuran	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	108-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	120-83-2	
Diethylphthalate	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	105-67-9	
Dimethylphthalate	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	854	1	02/25/09 00:00	02/28/09 07:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	117-81-7	
Fluoranthene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	206-44-0	
Fluorene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	87-68-3	
Hexachlorobenzene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	77-47-4	
Hexachloroethane	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-4 Lab ID: 9238403004 Collected: 02/17/09 15:25 Received: 02/19/09 14:40 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	193-39-5	
Isochlorane	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	91-57-8	
2-Methylphenol(o-Cresol)	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	95-48-7	
3,4-Methylphenol(m&p Cresol)	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42		
Naphthalene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	91-20-3	
2-Nitroaniline	2130	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	88-74-4	
3-Nitroaniline	2130	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	99-09-2	
4-Nitroaniline	854	ug/kg	854	1	02/25/09 00:00	02/28/09 07:42	100-01-6	
Nitrobenzene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	98-95-3	
2-Nitrophenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	88-75-5	
4-Nitrophenol	2130	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	86-30-6	
Pentachlorophenol	2130	ug/kg	2130	1	02/25/09 00:00	02/28/09 07:42	87-86-5	
Phenanthrene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	85-01-8	
Phenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	108-95-2	
Pyrene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	427	1	02/25/09 00:00	02/28/09 07:42	88-06-2	
Nitrobenzene-d5 (S)	74	%	30-150	1	02/25/09 00:00	02/28/09 07:42	4165-60-0	
2-Fluorobiphenyl (S)	81	%	46-120	1	02/25/09 00:00	02/28/09 07:42	321-60-8	
Terphenyl-d14 (S)	71	%	38-108	1	02/25/09 00:00	02/28/09 07:42	1718-51-0	
Phenol-d6 (S)	76	%	35-120	1	02/25/09 00:00	02/28/09 07:42	13127-88-3	
2-Fluorophenol (S)	73	%	24-120	1	02/25/09 00:00	02/28/09 07:42	367-12-4	
2,4,6-Tribromophenol (S)	75	%	44-136	1	02/25/09 00:00	02/28/09 07:42	118-79-6	
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Acetone	ND	ug/kg	93.6	1	02/27/09 02:11	02/27/09 02:11	67-64-1	
Benzene	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	108-96-1	
Bromochloromethane	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	75-27-4	
Bromofluoromethane	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	75-25-2	
Bromomethane	ND	ug/kg	9.4	1	02/27/09 02:11	02/27/09 02:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	93.6	1	02/27/09 02:11	02/27/09 02:11	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	108-90-7	
Chloroethane	ND	ug/kg	9.4	1	02/27/09 02:11	02/27/09 02:11	75-00-3	
Chloroform	ND	ug/kg	4.7	1	02/27/09 02:11	02/27/09 02:11	67-66-3	

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ANALYTICAL RESULTS

Project: FIBER 20091

Pace Project No.: 9238403

Sample: CS-4 Lab ID: 9238403004 Collected: 02/17/09 15:25 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
Chloromethane	ND	ug/kg	9.4	1		02/27/09 02:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		02/27/09 02:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		02/27/09 02:11	108-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		02/27/09 02:11	96-12-9	
Dibromochloromethane	ND	ug/kg	4.7	1		02/27/09 02:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		02/27/09 02:11	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		02/27/09 02:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		02/27/09 02:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		02/27/09 02:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		02/27/09 02:11	106-48-7	
Dichlorodifluoromethane	ND	ug/kg	9.4	1		02/27/09 02:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		02/27/09 02:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		02/27/09 02:11	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		02/27/09 02:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		02/27/09 02:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		02/27/09 02:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		02/27/09 02:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		02/27/09 02:11	142-29-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		02/27/09 02:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		02/27/09 02:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		02/27/09 02:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		02/27/09 02:11	10061-02-8	
Diisopropyl ether	ND	ug/kg	4.7	1		02/27/09 02:11	108-20-3	
Ethylbenzene	ND	ug/kg	4.7	1		02/27/09 02:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		02/27/09 02:11	87-68-3	
2-Hexanone	ND	ug/kg	46.8	1		02/27/09 02:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		02/27/09 02:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1		02/27/09 02:11	99-87-6	
Methylene Chloride	18.7	1				02/27/09 02:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.8	1		02/27/09 02:11	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		02/27/09 02:11	1534-04-4	
Naphthalene	ND	ug/kg	4.7	1		02/27/09 02:11	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		02/27/09 02:11	103-65-1	
Styrene	ND	ug/kg	4.7	1		02/27/09 02:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		02/27/09 02:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		02/27/09 02:11	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		02/27/09 02:11	127-18-4	
Toluene	ND	ug/kg	4.7	1		02/27/09 02:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		02/27/09 02:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		02/27/09 02:11	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		02/27/09 02:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		02/27/09 02:11	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		02/27/09 02:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		02/27/09 02:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		02/27/09 02:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		02/27/09 02:11	95-63-6	

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ANALYTICAL RESULTS

Project: FIBER 20091

Pace Project No.: 9238403

Sample: CS-4 Lab ID: 9238403004 Collected: 02/17/09 15:25 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		02/27/09 02:11	106-67-8	
Vinyl acetate	ND	ug/kg	46.8	1		02/27/09 02:11	108-05-4	
Vinyl chloride	ND	ug/kg	9.4	1		02/27/09 02:11	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	1		02/27/09 02:11	1330-20-7	
m&p-Xylene	ND	ug/kg	9.4	1		02/27/09 02:11	1330-20-7	
o-Xylene	ND	ug/kg	4.7	1		02/27/09 02:11	95-47-6	
Dibromofluoromethane (S)	100 %		79-116	1		02/27/09 02:11	1868-53-7	
Toluene-d8 (S)	105 %		88-110	1		02/27/09 02:11	2037-26-5	
4-Bromofluorobenzene (S)	86 %		74-115	1		02/27/09 02:11	460-00-4	
1,2-Dichloroethane-d4 (S)	101 %		69-121	1		02/27/09 02:11	17060-07-0	

Percent Moisture Analytical Method: ASTM D2974-87

Percent Moisture 22.7 % 0.10 1 02/20/09 08:40

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: SP-1 Lab ID: 9238403005 Collected: 02/17/09 15:20 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3548							
Diesel Components	835 mg/kg		25.0	5	02/23/09 00:00	02/24/09 11:13	88334-30-5	
n-Pentacosane (S)	93 %		50-135	5	02/23/09 00:00	02/24/09 11:13	629-99-2	
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND mg/kg		5.4	1	02/24/09 13:30	02/24/09 19:02	8006-61-9	
4-Bromofluorobenzene (S)	108 %		50-135	1	02/24/09 13:30	02/24/09 19:02	460-00-4	

Date: 03/03/2009 08:15 PM

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-6 Lab ID: 9238403008 Collected: 02/19/09 09:30 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3548							
Acenaphthene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	83-32-9	
Acenaphthylene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	208-96-8	
Aniline	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	62-53-3	
Anthracene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	120-12-7	
Benzo(a)anthracene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	56-55-3	
Benzo(a)pyrene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	207-08-9	
Benzoic Acid	ND ug/kg		1850	1	02/25/09 00:00	02/28/09 08:04	65-85-0	
Benzyl alcohol	ND ug/kg		660	1	02/25/09 00:00	02/28/09 08:04	100-51-6	
4-Bromophenylphenyl ether	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	101-65-3	
Butylbenzylphthalate	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	85-69-7	
4-Chloro-3-methylphenol	ND ug/kg		660	1	02/25/09 00:00	02/28/09 08:04	59-50-7	
4-Chloroaniline	ND ug/kg		1650	1	02/25/09 00:00	02/28/09 08:04	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	108-90-1	
2-Chloronaphthalene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	91-58-7	
2-Chlorophenol	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	7005-72-3	
Chrysene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	53-70-3	
Dibenzofuran	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	132-64-9	
1,2-Dichlorobenzene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	108-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		1650	1	02/25/09 00:00	02/28/09 08:04	91-94-1	
2,4-Dichlorophenol	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	120-83-2	
Diethylphthalate	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	84-66-2	
2,4-Dimethylphenol	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	105-67-9	
Dimethylphthalate	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	131-11-3	
Di-n-butylphthalate	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		660	1	02/25/09 00:00	02/28/09 08:04	534-52-1	
2,4-Dinitrophenol	ND ug/kg		1650	1	02/25/09 00:00	02/28/09 08:04	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	606-20-2	
Di-n-octylphthalate	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	117-84-0	
1,2-Diphenylhydrazine	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	122-66-7	
bis(2-Ethylhexyl)phthalate	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	117-61-7	
Fluoranthene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	206-44-0	
Fluorene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	87-68-3	
Hexachlorobenzene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	77-47-4	
Hexachloroethane	ND ug/kg		330	1	02/25/09 00:00	02/28/09 08:04	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-6 Lab ID: 9238403006 Collected: 02/19/09 09:30 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	193-39-5	
Isophorone	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	78-59-1	
1-Methylnaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	90-12-0	
2-Methylnaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	95-48-7	
3,4-Methylphenol(m-Cresol)	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04		
Naphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	91-20-3	
2-Nitroaniline	1850	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:04	88-74-4	
3-Nitroaniline	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:04	99-09-2	
4-Nitroaniline	ND	ug/kg	660	1	02/25/09 00:00	02/28/09 08:04	100-01-6	
Nitrobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	98-95-3	
2-Nitrophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	88-75-5	
4-Nitrophenol	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:04	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	86-30-6	
Pentachlorophenol	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:04	87-86-5	
Phenanthrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	85-01-8	
Phenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	108-95-2	
Pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:04	88-06-2	
Nitrobenzene-d5 (S)	51 %		30-150	1	02/25/09 00:00	02/28/09 08:04	4165-60-0	
2-Fluorobiphenyl (S)	57 %		48-120	1	02/25/09 00:00	02/28/09 08:04	321-60-8	
Terphenyl-d14 (S)	67 %		38-108	1	02/25/09 00:00	02/28/09 08:04	1718-51-0	
Phenol-d6 (S)	59 %		35-120	1	02/25/09 00:00	02/28/09 08:04	13127-68-3	
2-Fluorophenol (S)	57 %		24-120	1	02/25/09 00:00	02/28/09 08:04	367-12-4	
2,4,6-Tribromophenol (S)	62 %		44-136	1	02/25/09 00:00	02/28/09 08:04	118-79-6	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-6 Lab ID: 9238403007 Collected: 02/19/09 09:45 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	83-32-9	
Acenaphthylene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	208-96-8	
Aniline	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	62-53-3	
Anthracene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	120-12-7	
Benzo(a)anthracene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	56-55-3	
Benzo(a)pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	207-08-9	
Benzoic Acid	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:26	65-85-0	
Benzyl alcohol	ND	ug/kg	660	1	02/25/09 00:00	02/28/09 08:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	660	1	02/25/09 00:00	02/28/09 08:26	59-50-7	
4-Chloroaniline	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	108-60-1	
2-Chloronaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	91-59-7	
2-Chlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	7005-72-3	
Chrysene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	53-70-3	
Dibenzofuran	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	108-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:26	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	120-83-2	
Diethylphthalate	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	105-67-9	
Dimethylphthalate	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	660	1	02/25/09 00:00	02/28/09 08:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1850	1	02/25/09 00:00	02/28/09 08:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	608-20-2	
Di-n-octylphthalate	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	117-84-0	
1,2-Diphenylhydrazine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	122-66-7	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	117-81-7	
Fluoranthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	206-44-0	
Fluorene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	87-68-3	
Hexachlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	77-47-4	
Hexachloroethane	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-6 Lab ID: 9238403007 Collected: 02/19/09 09:45 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	193-39-5	
Isophorone	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	78-59-1	
1-Methylnaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	90-12-0	
2-Methylnaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	95-48-7	
3,4-Methylphenol(m,p Cresol)	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26		
Naphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	91-20-3	
2-Nitroaniline	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:26	88-74-4	
3-Nitroaniline	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:26	99-09-2	
4-Nitroaniline	660	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:26	100-01-6	
Nitrobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	98-95-3	
2-Nitrophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	88-75-5	
4-Nitrophenol	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	86-30-8	
Pentachlorophenol	ND	ug/kg	1650	1	02/25/09 00:00	02/28/09 08:26	87-86-5	
Phenanthrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	85-01-8	
Phenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	108-95-2	
Pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:26	88-06-2	
Nitrobenzene-d5 (S)	55 %		30-150	1	02/25/09 00:00	02/28/09 08:26	4165-60-0	
2-Fluorobiphenyl (S)	65 %		48-120	1	02/25/09 00:00	02/28/09 08:26	321-60-8	
Terphenyl-d14 (S)	86 %		38-108	1	02/25/09 00:00	02/28/09 08:26	1718-51-0	
Phenol-d6 (S)	63 %		35-120	1	02/25/09 00:00	02/28/09 08:26	13127-68-3	
2-Fluorophenol (S)	54 %		24-120	1	02/25/09 00:00	02/28/09 08:26	367-12-4	
2,4,6-Tribromophenol (S)	82 %		44-136	1	02/25/09 00:00	02/28/09 08:26	118-79-6	

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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-7 Lab ID: 9238403008 Collected: 02/19/09 09:50 Received: 02/19/09 14:40 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	83-32-9	
Acenaphthylene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	208-06-8	
Aniline	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	62-53-3	
Anthracene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	58-55-3	
Benzo(a)pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	207-08-9	
Benzoic Acid	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	65-85-0	
Benzyl alcohol	660	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	100-51-6	
4-Bromophenylphenyl ether	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	101-05-3	
Butylbenzylphthalate	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	85-89-7	
4-Chloro-3-methylphenol	660	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	59-50-7	
4-Chloroaniline	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	108-47-8	
bis(2-Chloroethoxy)methane	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	111-81-1	
bis(2-Chloroethyl) ether	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	111-44-4	
bis(2-Chloroisopropyl) ether	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	108-60-1	
2-Chloronaphthalene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	91-58-7	
2-Chlorophenol	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	95-57-8	
4-Chlorophenylphenyl ether	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	7005-72-3	
Chrysene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	218-01-9	
Dibenz(a,h)anthracene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	53-70-3	
Dibenzofuran	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	132-64-9	
1,2-Dichlorobenzene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	95-50-1	
1,3-Dichlorobenzene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	541-73-1	
1,4-Dichlorobenzene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	106-46-7	
3,3'-Dichlorobenzidine	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	91-94-1	
2,4-Dichlorophenol	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	120-83-2	
Diethylphthalate	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	84-86-2	
2,4-Dimethylphenol	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	105-67-9	
Dimethylphthalate	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	131-11-3	
Di-n-butylphthalate	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	84-74-2	
4,6-Dinitro-2-methylphenol	660	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	534-52-1	
2,4-Dinitrophenol	1650	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	51-28-5	
2,4-Dinitrotoluene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	121-14-2	
2,6-Dinitrotoluene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	606-20-2	
Di-n-octylphthalate	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	117-84-0	
1,2-Diphenylhydrazine	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	122-06-7	
bis(2-Ethylhexyl)phthalate	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	117-81-7	
Fluoranthene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	206-44-0	
Fluorene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	86-73-7	
Hexachloro-1,3-butadiene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	87-68-3	
Hexachlorobenzene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	118-74-1	
Hexachlorocyclopentadiene	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	77-47-4	
Hexachloroethane	330	ND	ug/kg	1	02/25/09 00:00	02/28/09 08:49	67-72-1	

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ANALYTICAL RESULTS

Project: FIBER 20091
Pace Project No.: 9238403

Sample: CS-7 Lab ID: 9238403008 Collected: 02/19/09 09:50 Received: 02/19/09 14:40 Matrix: Solid
Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Indeno(1,2,3-cd)pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	193-39-5	
Isophorone	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	78-59-1	
1-Methylnaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	90-12-0	
2-Methylnaphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	95-49-7	
3,5,4-Methylphenol(m&p Cresol)	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	88-74-4	
Naphthalene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	91-20-3	
2-Nitroaniline	1650	ug/kg	1650	1	02/25/09 00:00	02/28/09 08:49	88-74-4	
3-Nitroaniline	ND	ug/kg	1650	1	02/25/09 00:00	02/28/09 08:49	99-09-2	
4-Nitroaniline	ND	ug/kg	660	1	02/25/09 00:00	02/28/09 08:49	100-01-6	
Nitrobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	98-95-3	
2-Nitrophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	88-75-5	
4-Nitrophenol	ND	ug/kg	1650	1	02/25/09 00:00	02/28/09 08:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	88-30-8	
Pentachlorophenol	ND	ug/kg	1650	1	02/25/09 00:00	02/28/09 08:49	87-86-5	
Phenanthrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	85-01-8	
Phenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	108-95-2	
Pyrene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	330	1	02/25/09 00:00	02/28/09 08:49	88-06-2	
Nitrobenzene-d5 (S)	80 %		30-150	1	02/25/09 00:00	02/28/09 08:49	4165-60-0	
2-Fluorobiphenyl (S)	75 %		46-120	1	02/25/09 00:00	02/28/09 08:49	321-60-8	
Terphenyl-d14 (S)	97 %		38-108	1	02/25/09 00:00	02/28/09 08:49	1718-51-0	
Phenol-d6 (S)	82 %		35-120	1	02/25/09 00:00	02/28/09 08:49	13127-68-3	
2-Fluorophenol (S)	75 %		24-120	1	02/25/09 00:00	02/28/09 08:49	367-12-4	
2,4,6-Tribromophenol (S)	64 %		44-136	1	02/25/09 00:00	02/28/09 08:49	118-79-6	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

QC Batch: OEXT/5962 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 9238403005

METHOD BLANK: 240399

Matrix: Solid

Associated Lab Samples: 9238403005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	02/23/09 16:47	
n-Pentacosane (S)	%	90	50-135	02/23/09 16:47	

LABORATORY CONTROL SAMPLE: 240400

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	167	166	100	50-114	
n-Pentacosane (S)	%			104	50-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 240423

240424

Parameter	Units	9238529001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Diesel Components	mg/kg	ND	202	202	160	152	78	74	50-107	5	30
n-Pentacosane (S)	%						90	78	50-135		

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

QC Batch: MSV/6222 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004

METHOD BLANK: 242474 Matrix: Solid
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	02/26/09 17:37	
1,1,1-Trichloroethane	ug/kg	ND	5.0	02/26/09 17:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	02/26/09 17:37	
1,1,2-Trichloroethane	ug/kg	ND	5.0	02/26/09 17:37	
1,1-Dichloroethane	ug/kg	ND	5.0	02/26/09 17:37	
1,1-Dichloroethene	ug/kg	ND	5.0	02/26/09 17:37	
1,1-Dichloropropene	ug/kg	ND	5.0	02/26/09 17:37	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	02/26/09 17:37	
1,2,3-Trichloropropene	ug/kg	ND	5.0	02/26/09 17:37	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	02/26/09 17:37	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	02/26/09 17:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	02/26/09 17:37	
1,2-Dichlorobenzene	ug/kg	ND	5.0	02/26/09 17:37	
1,2-Dichloroethane	ug/kg	ND	5.0	02/26/09 17:37	
1,2-Dichloropropane	ug/kg	ND	5.0	02/26/09 17:37	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
1,3-Dichlorobenzene	ug/kg	ND	5.0	02/26/09 17:37	
1,3-Dichloropropane	ug/kg	ND	5.0	02/26/09 17:37	
1,4-Dichlorobenzene	ug/kg	ND	5.0	02/26/09 17:37	
2,2-Dichloropropane	ug/kg	ND	5.0	02/26/09 17:37	
2-Butanone (MEK)	ug/kg	ND	100	02/26/09 17:37	
2-Chlorotoluene	ug/kg	ND	5.0	02/26/09 17:37	
2-Hexanone	ug/kg	ND	50.0	02/26/09 17:37	
4-Chlorotoluene	ug/kg	ND	5.0	02/26/09 17:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	50.0	02/26/09 17:37	
Acetone	ug/kg	ND	100	02/26/09 17:37	
Benzene	ug/kg	ND	5.0	02/26/09 17:37	
Bromobenzene	ug/kg	ND	5.0	02/26/09 17:37	
Bromochloromethane	ug/kg	ND	5.0	02/26/09 17:37	
Bromodichloromethane	ug/kg	ND	5.0	02/26/09 17:37	
Bromoform	ug/kg	ND	5.0	02/26/09 17:37	
Bromomethane	ug/kg	ND	10.0	02/26/09 17:37	
Carbon tetrachloride	ug/kg	ND	5.0	02/26/09 17:37	
Chlorobenzene	ug/kg	ND	5.0	02/26/09 17:37	
Chloroethane	ug/kg	ND	10.0	02/26/09 17:37	
Chloroform	ug/kg	ND	5.0	02/26/09 17:37	
Chloromethane	ug/kg	ND	10.0	02/26/09 17:37	
cis-1,2-Dichloroethane	ug/kg	ND	5.0	02/26/09 17:37	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	02/26/09 17:37	
Dibromochloromethane	ug/kg	ND	5.0	02/26/09 17:37	
Dibromomethane	ug/kg	ND	5.0	02/26/09 17:37	
Dichlorodifluoromethane	ug/kg	ND	10.0	02/26/09 17:37	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

METHOD BLANK: 242474 Matrix: Solid
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	02/26/09 17:37	
Ethylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	02/26/09 17:37	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	02/26/09 17:37	
m,p-Xylene	ug/kg	ND	10.0	02/26/09 17:37	
Methyl-tert-butyl ether	ug/kg	ND	5.0	02/26/09 17:37	
Methylene Chloride	ug/kg	ND	20.0	02/26/09 17:37	
n-Butylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
n-Propylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
Naphthalene	ug/kg	ND	5.0	02/26/09 17:37	
o-Xylene	ug/kg	ND	5.0	02/26/09 17:37	
p-Isopropyltoluene	ug/kg	ND	5.0	02/26/09 17:37	
sec-Butylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
Styrene	ug/kg	ND	5.0	02/26/09 17:37	
tert-Butylbenzene	ug/kg	ND	5.0	02/26/09 17:37	
Tetrachloroethane	ug/kg	ND	5.0	02/26/09 17:37	
Toluene	ug/kg	ND	5.0	02/26/09 17:37	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	02/26/09 17:37	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	02/26/09 17:37	
Trichloroethene	ug/kg	ND	5.0	02/26/09 17:37	
Trichlorofluoromethane	ug/kg	ND	5.0	02/26/09 17:37	
Vinyl acetate	ug/kg	ND	50.0	02/26/09 17:37	
Vinyl chloride	ug/kg	ND	10.0	02/26/09 17:37	
Xylene (Total)	ug/kg	ND	10.0	02/26/09 17:37	
1,2-Dichloroethane-d4 (S)	%	100	69-121	02/26/09 17:37	
4-Bromofluorobenzene (S)	%	95	74-115	02/26/09 17:37	
Dibromofluoromethane (S)	%	97	79-116	02/26/09 17:37	
Toluene-d8 (S)	%	110	68-110	02/26/09 17:37	

LABORATORY CONTROL SAMPLE: 242475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	50	54.2	108	75-137	
1,1,1-Trichloroethane	ug/kg	50	52.7	105	70-140	
1,1,2,2-Tetrachloroethane	ug/kg	50	50.9	102	74-133	
1,1,2-Trichloroethane	ug/kg	50	52.0	104	79-129	
1,1-Dichloroethane	ug/kg	50	49.9	100	72-139	
1,1-Dichloroethene	ug/kg	50	49.9	100	69-154	
1,1-Dichloropropene	ug/kg	50	54.1	108	74-138	
1,2,3-Trichlorobenzene	ug/kg	50	56.4	113	71-150	
1,2,3-Trichloropropene	ug/kg	50	50.7	101	74-135	
1,2,4-Trichlorobenzene	ug/kg	50	53.7	107	68-150	
1,2,4-Trimethylbenzene	ug/kg	50	57.4	115	70-130	
1,2-Dibromo-3-chloropropane	ug/kg	50	50.8	102	65-148	
1,2-Dibromoethane (EDB)	ug/kg	50	55.5	111	77-138	

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REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

LABORATORY CONTROL SAMPLE: 242475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	50	52.0	104	75-141	
1,2-Dichloroethane	ug/kg	50	49.8	100	74-134	
1,2-Dichloropropane	ug/kg	50	53.0	106	77-138	
1,3,5-Trimethylbenzene	ug/kg	50	57.1	114	65-128	
1,3-Dichlorobenzene	ug/kg	50	51.1	102	76-133	
1,3-Dichloropropane	ug/kg	50	55.1	110	79-132	
1,4-Dichlorobenzene	ug/kg	50	53.8	108	75-137	
2,2-Dichloropropane	ug/kg	50	52.6	105	73-137	
2-Butanone (MEK)	ug/kg	100	98.8J	99	61-138	
2-Chlorotoluene	ug/kg	50	51.0	102	73-138	
2-Hexanone	ug/kg	100	112	112	58-159	
4-Chlorotoluene	ug/kg	50	53.0	106	75-136	
4-Methyl-2-pentanone (MIBK)	ug/kg	100	103	103	74-139	
Acetone	ug/kg	100	107	107	58-150	
Benzene	ug/kg	50	52.2	104	71-140	
Bromobenzene	ug/kg	50	53.0	106	72-144	
Bromochloromethane	ug/kg	50	49.4	99	78-133	
Bromodichloromethane	ug/kg	50	50.0	100	78-133	
Bromolorm	ug/kg	50	53.9	108	74-132	
Bromomethane	ug/kg	50	63.1	126	63-184	
Carbon tetrachloride	ug/kg	50	48.3	97	73-143	
Chlorobenzene	ug/kg	50	49.6	99	77-137	
Chloroethane	ug/kg	50	54.8	110	68-146	
Chloroform	ug/kg	50	49.9	100	75-137	
Chloromethane	ug/kg	50	53.9	108	54-143	
cis-1,2-Dichloroethene	ug/kg	50	48.7	97	71-143	
cis-1,3-Dichloropropene	ug/kg	50	54.7	109	76-133	
Dibromochloromethane	ug/kg	50	53.7	107	77-131	
Dibromomethane	ug/kg	50	48.7	97	63-184	
Dichlorodifluoromethane	ug/kg	50	53.6	107	36-173	
Diisopropyl ether	ug/kg	50	53.3	107	68-144	
Ethylbenzene	ug/kg	50	51.9	104	69-141	
Hexachloro-1,3-butadiene	ug/kg	50	53.4	107	70-152	
Isopropylbenzene (Cumene)	ug/kg	50	52.1	104	77-143	
m&p-Xylene	ug/kg	100	105	105	72-138	
Methyl-tert-butyl ether	ug/kg	50	52.4	105	2-138	
Methylene Chloride	ug/kg	50	35.9	72	69-136	
n-Butylbenzene	ug/kg	50	55.1	110	65-128	
n-Propylbenzene	ug/kg	50	53.1	106	72-139	
Naphthalene	ug/kg	50	62.7	125	61-138	
o-Xylene	ug/kg	50	50.4	101	74-137	
p-Isopropyltoluene	ug/kg	50	55.2	110	66-128	
sec-Butylbenzene	ug/kg	50	53.1	106	72-140	
Styrene	ug/kg	50	53.3	107	76-137	
tert-Butylbenzene	ug/kg	50	53.5	107	68-141	
Tetrachloroethene	ug/kg	50	55.6	111	72-136	
Toluene	ug/kg	50	49.0	98	69-139	
trans-1,2-Dichloroethene	ug/kg	50	48.0	96	72-144	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

LABORATORY CONTROL SAMPLE: 242475

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	50	54.7	109	73-135	
Trichloroethene	ug/kg	50	52.3	105	75-136	
Trichlorofluoromethane	ug/kg	50	54.8	110	69-144	
Vinyl acetate	ug/kg	100	92.0	92	50-150	
Vinyl chloride	ug/kg	50	55.0	110	61-145	
Xylene (Total)	ug/kg	150	155	104	73-138	
1,2-Dichloroethane-d4 (S)	%			95	69-121	
4-Bromofluorobenzene (S)	%			99	74-115	
Dibromofluoromethane (S)	%			96	79-116	
Toluene-d8 (S)	%			98	88-110	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

QC Batch: OEXT/5991 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004, 9238403005, 9238403007, 9238403008

METHOD BLANK: 241382 Matrix: Solid
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004, 9238403005, 9238403007, 9238403008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	02/27/09 13:04	
1,2-Dichlorobenzene	ug/kg	ND	330	02/27/09 13:04	
1,2-Diphenylhydrazine	ug/kg	ND	330	02/27/09 13:04	
1,3-Dichlorobenzene	ug/kg	ND	330	02/27/09 13:04	
1,4-Dichlorobenzene	ug/kg	ND	330	02/27/09 13:04	
1-Methylnaphthalene	ug/kg	ND	330	02/27/09 13:04	
2,4,5-Trichlorophenol	ug/kg	ND	330	02/27/09 13:04	
2,4,6-Trichlorophenol	ug/kg	ND	330	02/27/09 13:04	
2,4-Dichlorophenol	ug/kg	ND	330	02/27/09 13:04	
2,4-Dimethylphenol	ug/kg	ND	330	02/27/09 13:04	
2,4-Dinitrophenol	ug/kg	ND	1650	02/27/09 13:04	
2,4-Dinitrotoluene	ug/kg	ND	330	02/27/09 13:04	
2,6-Dinitrotoluene	ug/kg	ND	330	02/27/09 13:04	
2-Chloronaphthalene	ug/kg	ND	330	02/27/09 13:04	
2-Chlorophenol	ug/kg	ND	330	02/27/09 13:04	
2-Methylnaphthalene	ug/kg	ND	330	02/27/09 13:04	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	02/27/09 13:04	
2-Nitroaniline	ug/kg	ND	1650	02/27/09 13:04	
2-Nitrophenol	ug/kg	ND	330	02/27/09 13:04	
3,4-Methylphenol(m&p Cresol)	ug/kg	ND	330	02/27/09 13:04	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	02/27/09 13:04	
3-Nitroaniline	ug/kg	ND	1650	02/27/09 13:04	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	02/27/09 13:04	
4-Bromophenylphenyl ether	ug/kg	ND	330	02/27/09 13:04	
4-Chloro-3-methylphenol	ug/kg	ND	660	02/27/09 13:04	
4-Chloroaniline	ug/kg	ND	1650	02/27/09 13:04	
4-Chlorophenylphenyl ether	ug/kg	ND	330	02/27/09 13:04	
4-Nitroaniline	ug/kg	ND	660	02/27/09 13:04	
4-Nitrophenol	ug/kg	ND	1650	02/27/09 13:04	
Acenaphthene	ug/kg	ND	330	02/27/09 13:04	
Acenaphthylene	ug/kg	ND	330	02/27/09 13:04	
Aniline	ug/kg	ND	330	02/27/09 13:04	
Anthracene	ug/kg	ND	330	02/27/09 13:04	
Benzo(a)anthracene	ug/kg	ND	330	02/27/09 13:04	
Benzo(a)pyrene	ug/kg	ND	330	02/27/09 13:04	
Benzo(b)fluoranthene	ug/kg	ND	330	02/27/09 13:04	
Benzo(g,h,i)perylene	ug/kg	ND	330	02/27/09 13:04	
Benzo(k)fluoranthene	ug/kg	ND	330	02/27/09 13:04	
Benzoic Acid	ug/kg	ND	1650	02/27/09 13:04	
Benzyl alcohol	ug/kg	ND	660	02/27/09 13:04	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	02/27/09 13:04	
bis(2-Chloroethyl) ether	ug/kg	ND	330	02/27/09 13:04	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	02/27/09 13:04	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

METHOD BLANK: 241382 Matrix: Solid
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004, 9238403005, 9238403007, 9238403008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Ethoxy)phthalate	ug/kg	ND	330	02/27/09 13:04	
Butylbenzylphthalate	ug/kg	ND	330	02/27/09 13:04	
Chrysene	ug/kg	ND	330	02/27/09 13:04	
Di-n-butylphthalate	ug/kg	ND	330	02/27/09 13:04	
Di-n-octylphthalate	ug/kg	ND	330	02/27/09 13:04	
Dibenz(a,h)anthracene	ug/kg	ND	330	02/27/09 13:04	
Dibenzofuran	ug/kg	ND	330	02/27/09 13:04	
Diethylphthalate	ug/kg	ND	330	02/27/09 13:04	
Dimethylphthalate	ug/kg	ND	330	02/27/09 13:04	
Fluoranthene	ug/kg	ND	330	02/27/09 13:04	
Fluorene	ug/kg	ND	330	02/27/09 13:04	
Hexachloro-1,3-butadiene	ug/kg	ND	330	02/27/09 13:04	
Hexachlorobenzene	ug/kg	ND	330	02/27/09 13:04	
Hexachlorocyclopentadiene	ug/kg	ND	330	02/27/09 13:04	
Hexachloroethane	ug/kg	ND	330	02/27/09 13:04	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	02/27/09 13:04	
Isophorone	ug/kg	ND	330	02/27/09 13:04	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	02/27/09 13:04	
N-Nitrosodimethylamine	ug/kg	ND	330	02/27/09 13:04	
N-Nitrosodiphenylamine	ug/kg	ND	330	02/27/09 13:04	
Naphthalene	ug/kg	ND	330	02/27/09 13:04	
Nitrobenzene	ug/kg	ND	330	02/27/09 13:04	
Pentachlorophenol	ug/kg	ND	1650	02/27/09 13:04	
Phenanthrene	ug/kg	ND	330	02/27/09 13:04	
Phenol	ug/kg	ND	330	02/27/09 13:04	
Pyrene	ug/kg	ND	330	02/27/09 13:04	
2,4,6-Tribromophenol (S)	%	61	44-138	02/27/09 13:04	
2-Fluorobiphenyl (S)	%	59	46-120	02/27/09 13:04	
2-Fluorophenol (S)	%	64	24-120	02/27/09 13:04	
Nitrobenzene-d5 (S)	%	64	30-150	02/27/09 13:04	
Phenol-d8 (S)	%	69	35-120	02/27/09 13:04	
Terphenyl-d14 (S)	%	71	38-108	02/27/09 13:04	

LABORATORY CONTROL SAMPLE: 241383

Parameter	Units	Spike Conc.	LCS Result	% Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	969	58	50-150	
1,2-Dichlorobenzene	ug/kg	1670	1050	63	50-150	
1,2-Diphenylhydrazine	ug/kg	1670	1580	95	43-130	
1,3-Dichlorobenzene	ug/kg	1670	1020	61	50-150	
1,4-Dichlorobenzene	ug/kg	1670	1030	62	50-150	
1-Methylnaphthalene	ug/kg	1670	1300	78	50-150	
2,4,5-Trichlorophenol	ug/kg	1670	1190	71	50-150	
2,4,6-Trichlorophenol	ug/kg	1670	1190	72	50-150	
2,4-Dichlorophenol	ug/kg	1670	1110	67	50-150	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

LABORATORY CONTROL SAMPLE: 241383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dimethylphenol	ug/kg	1670	1230	74	50-150	
2,4-Dinitrophenol	ug/kg	1670	1110J	66	20-111	
2,4-Dinitrotoluene	ug/kg	1670	1160	70	50-150	
2,6-Dinitrotoluene	ug/kg	1670	1150	69	50-150	
2-Chloronaphthalene	ug/kg	1670	1100	66	50-150	
2-Chlorophenol	ug/kg	1670	1220	73	50-150	
2-Methylnaphthalene	ug/kg	1670	1070	64	50-150	
2-Methylphenol(o-Cresol)	ug/kg	1670	1280	77	50-150	
2-Nitroaniline	ug/kg	1670	1490J	89	50-150	
2-Nitrophenol	ug/kg	1670	1230	74	50-150	
3,4-Methylphenol(m&p Cresol)	ug/kg	1670	1310	79	50-150	
3,3'-Dichlorobenzidine	ug/kg	1670	1150J	69	50-150	
3-Nitroaniline	ug/kg	1670	1600J	96	50-150	
4,6-Dinitro-2-methylphenol	ug/kg	1670	1530	92	15-136	
4-Bromophenylphenyl ether	ug/kg	1670	1300	78	50-150	
4-Chloro-3-methylphenol	ug/kg	1670	1220	73	50-150	
4-Chloroaniline	ug/kg	1670	1570J	94	50-150	
4-Chlorophenylphenyl ether	ug/kg	1670	1260	76	50-150	
4-Nitroaniline	ug/kg	1670	1490	90	50-150	
4-Nitrophenol	ug/kg	1670	1170J	70	33-105	
Acenaphthene	ug/kg	1670	1200	72	50-150	
Acenaphthylene	ug/kg	1670	1330	80	50-150	
Aniline	ug/kg	1670	1570	94	50-150	
Anthracene	ug/kg	1670	1390	83	50-150	
Benzo(a)anthracene	ug/kg	1670	1350	81	50-150	
Benzo(a)pyrene	ug/kg	1670	1390	83	50-150	
Benzo(b)fluoranthene	ug/kg	1670	1360	82	50-150	
Benzo(g,h,i)perylene	ug/kg	1670	1320	79	24-117	
Benzo(k)fluoranthene	ug/kg	1670	1290	77	50-150	
Benzoic Acid	ug/kg	1670	786J	47	15-104	
Benzyl alcohol	ug/kg	1670	1180	71	50-150	
bis(2-Chloroethoxy)methane	ug/kg	1670	1420	85	50-150	
bis(2-Chloroethyl) ether	ug/kg	1670	1400	84	50-150	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1340	80	50-150	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1690	101	50-150	
Butylbenzylphthalate	ug/kg	1670	1660	100	50-150	
Chrysene	ug/kg	1670	1350	81	50-150	
Di-n-butylphthalate	ug/kg	1670	1520	91	50-150	
Di-n-octylphthalate	ug/kg	1670	1690	102	50-150	
Dibenz(a,h)anthracene	ug/kg	1670	1380	83	17-128	
Dibenzofuran	ug/kg	1670	1110	67	50-150	
Diethylphthalate	ug/kg	1670	1320	79	50-150	
Dimethylphthalate	ug/kg	1670	1330	80	50-150	
Fluoranthene	ug/kg	1670	1270	76	50-150	
Fluorene	ug/kg	1670	1220	73	50-150	
Hexachloro-1,3-butadiene	ug/kg	1670	858	51	50-150	
Hexachlorobenzene	ug/kg	1670	1020	61	50-150	
Hexachlorocyclopentadiene	ug/kg	1670	1040	62	15-114	

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

LABORATORY CONTROL SAMPLE: 241383

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachloroethane	ug/kg	1670	1050	63	50-150	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1330	80	19-128	
Isophorone	ug/kg	1670	1410	85	50-150	
N-Nitroso-di-n-propylamine	ug/kg	1670	1590	96	50-150	
N-Nitrosodimethylamine	ug/kg	1670	1570	94	50-150	
N-Nitrosodiphenylamine	ug/kg	1670	1430	86	50-150	
Naphthalene	ug/kg	1670	1170	70	50-150	
Nitrobenzene	ug/kg	1670	1210	72	50-150	
Pentachlorophenol	ug/kg	1670	1440J	87	15-130	
Phenanthrene	ug/kg	1670	1310	79	50-150	
Phenol	ug/kg	1670	1510	90	42-120	
Pyrene	ug/kg	1670	1340	80	50-150	
2,4,6-Tribromophenol (S)	%			80	44-136	
2-Fluorobiphenyl (S)	%			75	46-120	
2-Fluorophenol (S)	%			81	24-120	
Nitrobenzene-d5 (S)	%			80	30-150	
Phenol-d6 (S)	%			86	35-120	
Terphenyl-d14 (S)	%			80	38-108	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 241384 241385

Parameter	Units	MS Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	2160	2160	1100	1100	51	51	50-150	3	30
1,4-Dichlorobenzene	ug/kg	ND	2160	2160	1090	1110	51	52	50-150	2	30
2,4-Dinitrotoluene	ug/kg	ND	2160	2160	1130	1080	52	50	50-150	4	30
2-Chlorophenol	ug/kg	ND	2160	2160	1190	1150	55	54	50-150	3	30
4-Chloro-3-methylphenol	ug/kg	ND	2160	2160	1240	1100	58	51	50-150	12	30
4-Nitrophenol	ug/kg	ND	2160	2160	1110J	1130J	51	53	50-150	30	
Acenaphthene	ug/kg	ND	2160	2160	1210	1090	56	51	50-150	10	30
N-Nitroso-di-n-propylamine	ug/kg	ND	2160	2160	1600	1330	74	62	50-150	18	30
Pentachlorophenol	ug/kg	ND	2160	2160	1540J	1440J	72	67	50-150	30	
Phenol	ug/kg	ND	2160	2160	1300	1110	61	52	50-150	16	30
Pyrene	ug/kg	ND	2160	2160	1280	1220	60	57	50-150	5	30
2,4,6-Tribromophenol (S)	%						57	53	44-136		
2-Fluorobiphenyl (S)	%						56	48	46-120		
2-Fluorophenol (S)	%						55	41	24-120		
Nitrobenzene-d5 (S)	%						61	50	30-150		
Phenol-d6 (S)	%						61	49	35-120		
Terphenyl-d14 (S)	%						55	51	38-108		

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QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

QC Batch: PMST/2297 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9238403001, 9238403002, 9238403003, 9238403004

SAMPLE DUPLICATE: 239448

Parameter	Units	9238415001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	19.8	20.1	1	25	

SAMPLE DUPLICATE: 239447

Parameter	Units	9238407009 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.9	21.7	1	25	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FIBER 20091
Pace Project No.: 9238403

QC Batch: GCV/2935 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
Associated Lab Samples: 9238403005

METHOD BLANK: 240832

Matrix: Solid

Associated Lab Samples: 9238403005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	6.0	02/24/09 15:30	
4-Bromofluorobenzene (S)	%	113	50-135	02/24/09 15:30	

LABORATORY CONTROL SAMPLE: 240833

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	25	31.0	124	70-150	
4-Bromofluorobenzene (S)	%			103	50-135	

MATRIX SPIKE SAMPLE: 240834

Parameter	Units	9238224007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	ND	17.3	21.1	120	70-148	
4-Bromofluorobenzene (S)	%				105	50-135	

SAMPLE DUPLICATE: 240835

Parameter	Units	9238224008 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	mg/kg	ND	ND	ND	30	
4-Bromofluorobenzene (S)	%		106	2		

Date: 03/03/2009 08:15 PM

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FIBER 20091
Pace Project No.: 9238403

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

ANALYTE QUALIFIERS

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.





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February 10, 2009

Mr. Jeff Gerlock
Blue Ridge Geological Services
306 Eden Terrace
Suite C
Archdale, NC 27263

RE: Project: FIBER
Pace Project No.: 9237025

Dear Mr. Gerlock:

Enclosed are the analytical results for sample(s) received by the laboratory on January 30, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brenda Pathammavong

brenda.pathammavong@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: FIBER
Pace Project No.: 9237025

Charlotte Certification IDs
West Virginia Certification #: 357
Virginia Certification #: 00213
Tennessee Certification #: 04010
South Carolina Drinking Water Cert. #: 990060003
South Carolina Certification #: 990060001
Pennsylvania Certification #: 68-00784
North Carolina Wastewater Certification #: 12

North Carolina Field Services Certification #: 5342
North Carolina Drinking Water Certification #: 37708
New Jersey Certification #: NC012
Louisiana/LELAP Certification #: 04034
Kentucky UST Certification #: 84
Florida/NEELAP Certification #: E87627
Connecticut Certification #: PH-Q104

Asheville Certification IDs
West Virginia Certification #: 358
Virginia Certification #: 00072
Tennessee Certification #: 2980
South Carolina Certification #: 99030001
South Carolina Bioassay Certification #: 990300002
Pennsylvania Certification #: 68-03578
North Carolina Wastewater Certification #: 40

North Carolina Drinking Water Certification #: 37712
North Carolina Bioassay Certification #: 9
New Jersey Certification #: NC011
Massachusetts Certification #: M-NC030
Louisiana/LELAP Certification #: 03095
Florida/NEELAP Certification #: E87648
Connecticut Certification #: PH-Q106

Eden Certification IDs
Virginia Drinking Water Certification #: 00424
North Carolina Wastewater Certification #: 633

North Carolina Drinking Water Certification #: 37738

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SAMPLE SUMMARY

Project: FIBER
Pace Project No.: 9237025

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9237025001	S-1	Solid	01/30/09 09:50	01/30/09 12:05

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SAMPLE ANALYTE COUNT

Project: FIBER
Pace Project No.: 9237025

Lab ID	Sample ID	Method	Analysts	Analytes Reported
9237025001	S-1	ASTM D2974-87	TNM	1
		EPA 6010	SHB	7
		EPA 6010	SHB	7
		EPA 7470	EWS	1
		EPA 7471	EWS	1

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ANALYTICAL RESULTS

Project: FIBER
Pace Project No.: 9237025

Sample: S-1 Lab ID: 9237025001 Collected: 01/30/09 09:50 Received: 01/30/09 12:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Arsenic	15.7 mg/kg		0.53	1	02/04/09 11:45	02/04/09 17:41	7440-39-2	
Barium	98.1 mg/kg		0.53	1	02/04/09 11:45	02/04/09 17:41	7440-39-3	
Cadmium	2.3 mg/kg		0.11	1	02/04/09 11:45	02/04/09 17:41	7440-43-9	
Chromium	24.2 mg/kg		0.53	1	02/04/09 11:45	02/04/09 17:41	7440-47-3	
Lead	51.6 mg/kg		0.53	1	02/04/09 11:45	02/04/09 17:41	7439-92-1	
Selenium	ND mg/kg		1.1	1	02/04/09 11:45	02/04/09 17:41	7782-49-2	
Silver	ND mg/kg		0.53	1	02/04/09 11:45	02/04/09 17:41	7440-22-4	
6010 MET ICP, TCLP Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Arsenic	ND mg/L		0.025	1	02/06/09 16:25	02/07/09 00:43	7440-39-2	
Barium	0.67 mg/L		0.025	1	02/06/09 16:25	02/07/09 00:43	7440-39-3	
Cadmium	ND mg/L		0.0050	1	02/06/09 16:25	02/07/09 00:43	7440-43-9	
Chromium	ND mg/L		0.025	1	02/06/09 16:25	02/07/09 00:43	7440-47-3	
Lead	ND mg/L		0.025	1	02/06/09 16:25	02/07/09 00:43	7439-92-1	
Selenium	ND mg/L		0.050	1	02/06/09 16:25	02/07/09 00:43	7782-49-2	
Silver	ND mg/L		0.025	1	02/06/09 16:25	02/07/09 00:43	7440-22-4	
7470 Mercury, TCLP Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND ug/L		0.20	1	02/10/09 10:00	02/10/09 15:03	7439-97-6	
7471 Mercury Analytical Method: EPA 7471 Preparation Method: EPA 7471								
Mercury	0.14 mg/kg		0.0079	2	02/04/09 16:30	02/05/09 13:49	7439-97-6	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	19.1 %		0.10	1		02/03/09 14:37		

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

QC Batch: MERP/1950

Analysis Method: EPA 7471

QC Batch Method: EPA 7471

Analysis Description: 7471 Mercury

Associated Lab Samples: 9237025001

METHOD BLANK: 230875

Matrix: Solid

Associated Lab Samples: 9237025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	ND	0.0050	02/05/09 12:58	

LABORATORY CONTROL SAMPLE: 230876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	.067	0.073	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 230877

230878

Parameter	Units	9237030001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
Mercury	mg/kg	0.016	.11	.098	ND	ND	-14	-16	75-125	20 MO	

SAMPLE DUPLICATE: 230879

Parameter	Units	9237030002 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	mg/kg	ND	ND		20	

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

QC Batch: PMST/2253 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 9237025001

SAMPLE DUPLICATE: 230884

Parameter	Units	9236676323 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.9	22.5	2	25	

SAMPLE DUPLICATE: 230885

Parameter	Units	9237019001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	17.7	21.6	20	25	

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

QC Batch: MPRP/3787 Analysis Method: EPA 8010
QC Batch Method: EPA 3050 Analysis Description: 8010 MET
Associated Lab Samples: 9237025001

METHOD BLANK: 231503

Matrix: Solid

Associated Lab Samples: 9237025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	ND	0.50	02/04/09 16:04	
Barium	mg/kg	ND	0.50	02/04/09 16:04	
Cadmium	mg/kg	ND	0.10	02/04/09 16:04	
Chromium	mg/kg	ND	0.50	02/04/09 16:04	
Lead	mg/kg	ND	0.50	02/04/09 16:04	
Selenium	mg/kg	ND	1.0	02/04/09 16:04	
Silver	mg/kg	ND	0.50	02/04/09 16:04	

LABORATORY CONTROL SAMPLE: 231504

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	50	49.0	98	80-120	
Barium	mg/kg	50	49.4	99	80-120	
Cadmium	mg/kg	50	49.0	98	80-120	
Chromium	mg/kg	50	49.1	98	80-120	
Lead	mg/kg	50	49.8	99	80-120	
Selenium	mg/kg	50	48.6	97	80-120	
Silver	mg/kg	25	24.2	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 231505 231506

Parameter	Units	9237067001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	120	60.3	37.5	195	180	125	161	75-125	8	20	MO
Barium	mg/kg	278	60.3	37.5	558	235	468	-110	75-125	82	20	MO, R1
Cadmium	mg/kg	480	60.3	37.5	487	457	13	-62	75-125	7	20	MO
Chromium	mg/kg	177	60.3	37.5	488	440	512	702	75-125	10	20	MO
Lead	mg/kg	57400	60.3	37.5	50200	43500	-11900	-36900	75-125	14	20	MO
Selenium	mg/kg	4.0	60.3	37.5	72.0	43.5	113	105	75-125	49	20	R1
Silver	mg/kg	10.3	30.1	18.7	59.3	41.5	163	166	75-125	35	20	MO, R1

SAMPLE DUPLICATE: 231507

Parameter	Units	9237068001 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/kg	ND	ND		20	
Barium	mg/kg	ND	.045J		20	
Cadmium	mg/kg	ND	ND		20	
Chromium	mg/kg	1.03 ug/g	ND		20	

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

SAMPLE DUPLICATE: 231507

Parameter	Units	9237089001 Result	Dup Result	RPD	Max RPD	Qualifiers
Lead	mg/kg	2.45 ug/g	0.89	93	20	R1
Selenium	mg/kg	ND	.37J		20	
Silver	mg/kg	ND	ND		20	

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

QC Batch: MPRP/3783

Analysis Method: EPA 8010

QC Batch Method: EPA 3010

Analysis Description: 6010 MET TCLP

Associated Lab Samples: 9237025001

METHOD BLANK: 233235

Matrix: Water

Associated Lab Samples: 9237025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	02/07/09 00:29	
Barium	mg/L	ND	0.025	02/07/09 00:29	
Cadmium	mg/L	ND	0.0050	02/07/09 00:29	
Chromium	mg/L	ND	0.025	02/07/09 00:29	
Lead	mg/L	ND	0.025	02/07/09 00:29	
Selenium	mg/L	ND	0.050	02/07/09 00:29	
Silver	mg/L	ND	0.025	02/07/09 00:29	

LABORATORY CONTROL SAMPLE: 233236

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2.5	2.7	106	80-120	
Barium	mg/L	2.5	2.3	92	80-120	
Cadmium	mg/L	2.5	2.4	95	80-120	
Chromium	mg/L	2.5	2.4	96	80-120	
Lead	mg/L	2.5	2.2	89	80-120	
Selenium	mg/L	2.5	2.7	107	80-120	
Silver	mg/L	1.2	1.2	99	80-120	

MATRIX SPIKE SAMPLE: 233237

Parameter	Units	9237004001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	2.5	2.6	103	75-125	
Barium	mg/L	0.043	2.5	2.2	88	75-125	
Cadmium	mg/L	ND	2.5	2.3	91	75-125	
Chromium	mg/L	0.0027J	2.5	2.3	92	75-125	
Lead	mg/L	ND	2.5	2.1	86	75-125	
Selenium	mg/L	ND	2.5	2.6	105	75-125	
Silver	mg/L	ND	1.2	1.2	96	75-125	

SAMPLE DUPLICATE: 233238

Parameter	Units	9237025001 Result	Dup Result	RPD	Max RPD	Qualifiers
Arsenic	mg/L	ND	ND		20	
Barium	mg/L	0.67	0.68	.7	20	
Cadmium	mg/L	ND	ND		20	
Chromium	mg/L	ND	ND		20	
Lead	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

SAMPLE DUPLICATE: 233238

Parameter	Units	9237025001 Result	Dup Result	RPD	Max RPD	Qualifiers
Selenium	mg/L	ND	ND		20	
Silver	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: FIBER
Pace Project No.: 9237025

QC Batch: MERP196S Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury TCLP
Associated Lab Samples: 9237025001

METHOD BLANK: 233794

Matrix: Water

Associated Lab Samples: 9237025001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	02/10/09 14:25	

LABORATORY CONTROL SAMPLE: 233795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.7	107	80-120	

MATRIX SPIKE SAMPLE: 233798

Parameter	Units	9237025001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.3	91	75-125	

SAMPLE DUPLICATE: 233797

Parameter	Units	9236948001 Result	Dup Result	RPD	Max RPD	Qualifiers
Mercury	ug/L	ND	ND		20	

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QUALIFIERS

Project: FIBER
Pace Project No.: 8237025

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

ANALYTE QUALIFIERS

M0 Matrix spike recovery was outside laboratory control limits.

R1 RPD value was outside control limits.



CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1
1175808

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: <u>Blue Ridge Gen. Svc</u>		Report To: <u>Jeff Gerlach</u>		Attention: <u>Jeff Gerlach</u>	
Address: <u>306 Edge Terrace, SE C</u>		Copy To:		Company Name: <u>BRGS</u>	
City/State/Zip: <u>Asheville, NC 27263</u>		Purchase Order No.:		Address:	
Email To: <u>JEFF.gerlach@gmail.com</u>		Project Name: <u>Fiber</u>		Site Location	
Phone: <u>336-431-5854</u> Fax:		Project Number:		State: <u>NC</u>	
Requested Due Date/TAT: <u>Std</u>		Pace Profile #:		REGULATORY AGENCY	
				<input type="checkbox"/> NPDES <input type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> OTHER	

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil QL Wipe WP Air AR Tissue TS Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analysis Test ↓ Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
					COMPOSITE START		COMPOSITE END/GRAB				Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	<u>Jeff Gerlach BRGS</u>	<u>1/30/09</u>	<u>10:27</u>	<u>Jeff Gerlach</u>	<u>1-30-09</u>	<u>10:27</u>				
	<u>Jeff Gerlach</u>	<u>1-30-09</u>	<u>12:05</u>	<u>Jeff Gerlach</u>	<u>1/30/09</u>	<u>12:05</u>	<u>S-9</u>	<u>Yr</u>	<u>no</u>	<u>Yr</u>

ORIGINAL

SAMPLER NAME AND SIGNATURE		Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER: <u>Jeff Gerlach</u>					
SIGNATURE of SAMPLER: <u>Jeff Gerlach</u>					
DATE Signed (MM/DD/YY): <u>1/30/09</u>					

APPENDIX B

ENVIRONMENTAL PERMITS

NORTH CAROLINA

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT

UST SECTION

UNDERGROUND STORAGE TANK PERMIT

In accordance with the provisions of Article 21 of Chapter 143, General Statutes of North Carolina as amended, and other applicable Laws and Rules permission is hereby granted to: **FIBER DYNAMICS INC**, in association with: **FIBER DYNAMICS INC** located at **200 SOUTH WEST POINT AVENUE** in **HIGH POINT**, for the operation of a commercial petroleum UST facility by the Department of Environment and Natural Resources.

Date Issued: **03/09/2009**

Facility I.D.#: **0-010093**

Effective Date: **04/01/2009**

Certificate #: **2009031670**

Expiration Date: **03/31/2010**

I. Definitions

A. 15A NCAC 2N - Title 15A of the North Carolina Administrative Code Subchapter 2N

These are the State regulations which govern the technical requirements associated with underground storage tanks (USTs). 15A NCAC 2N contains Sections that describe the rules and requirements for installation, operation, leak detection, upgrading, closure, notification, and record-keeping associated with USTs. The Federal UST rules 40 CFR Part 280 have been incorporated throughout the State rules.

B. Existing Tanks--Tanks installed on or before December 22, 1988.

C. New Tanks--Tanks installed after December 22, 1988.

D. DWM--Division of Waste Management

II. Leak Detection Requirements

All regulated USTs currently in use are required to have leak detection. Inventory control combined with periodic tank tightness testing and other various monthly monitoring methods are described in 15A NCAC Section .0504. Leak detection must be performed for both the UST and the associated piping systems. **Attached to this permit are the requirements for the method of leak detection that you specified on the application form.** For more information concerning leak detection requirements contact your DWM Regional Office.

III. Corrosion Protection Requirements

Corrosion protection is required on steel tanks and all other metallic surfaces that are in contact with the ground and regularly contain product (e.g., flex connectors, piping, fill pipes). This can be accomplished in a variety of ways for steel tanks (i.e., replacement with fiberglass tanks, or cathodic protection or interior

**—North Carolina Department of Environment, Health and Natural Resources
Division of Environmental Management
Groundwater Section**

Underground Storage Tank Operating Permit Application

FIBER DYNAMICS, INC.
WESTPOINT AVENUE
HIGH POINT
NC 27261

UST FACILITY ID #: 0-010093
FIBER DYNAMICS, INC.
WESTPOINT AVENUE
HIGH POINT
NC 27261
UST OWNER TEL. #: (919) 886-7111

TANK #	CAPACITY (GALS)	CONTENTS	INSTALLATION DATE
-----	-----	-----	-----
1	20,000	Fuel Oil	1971/03/09
2	20,000	Fuel Oil	1971/03/09

Tank #2 was closed on 06/29/93. Copy of GW/UST-2 enclosed.

CITY OF HIGH POINT
PUBLIC SERVICES DEPARTMENT **INDUSTRIAL PRETREATMENT**



WASTEWATER DISCHARGE PERMIT

In compliance with Section 8 of High Point City Code,
North Carolina General Statute 143-215.1
and other lawful standards and regulations adopted by the City of High Point
and the North Carolina Environmental Management Commission,

Fiber Dynamics

A Non-Significant Industrial User
Is hereby issued Permit No. 0028
Authorized to discharge from a facility located at

**200 South West Point Avenue
High Point, NC 27262**


Into the High Point sanitary sewer system which conveys wastewater to
the East Side Treatment Plant pursuant to NPDES Permit No. NC0024210.
This discharge shall be in accordance with the Process Description, Effluent
Limits, Schedule of Compliance, Monitoring and Reporting and other
Conditions set forth in Parts I through V of this Permit.

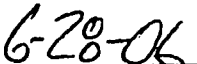
This Permit shall become effective on

June 30, 2006

This Permit and the authorization to discharge shall expire at midnight on

June 30, 2011


Frank Skee, Industrial Pretreatment Coordinator
City of High Point, Public Services Department
P.O. Box 230, High Point, NC 27261


(date signed)

NORTH CAROLINA ENVIRONMENTAL MANAGEMENT COMMISSION

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF AIR QUALITY

AIR PERMIT NO. 04779R07

Issue Date: July 16, 2008

Effective Date: July 16, 2008

Expiration Date: June 30, 2013

Replaces Permit: 04779R06

To construct and operate air emission source(s) and/or air cleaning device(s), and for the discharge of the associated air contaminants into the atmosphere in accordance with the provisions of Article 21B of Chapter 143, General Statutes of North Carolina (NCGS) as amended, and other applicable Laws, Rules and Regulations,

Fiber Dynamics, Inc.
200 South West Point Avenue
High Point, Guilford County, North Carolina
Fee Class: Small
Site Number: 04/41/00946

(the Permittee) is hereby authorized to construct and operate the air emissions sources and/or air cleaning devices and appurtenances described below:

Emission Source ID	Emission Source Description	Control System ID	Control System Description
B-1	Natural gas/No. 2 fuel oil-fired boiler (19.1 million Btu per hour maximum heat input)	N/A	N/A
B-2	Natural gas/No. 2 fuel oil-fired boiler (17.9 million Btu per hour maximum heat input)	N/A	N/A
ES-1 (NESHAP)	Dry cleaning machine (dry-to-dry machine using perchloroethylene)	CD-1	Refrigerated condenser

in accordance with the completed application 4100946.08A received July 7, 2008 including any plans, specifications, previous applications, and other supporting data, all of which are filed with the Department of Environment and Natural Resources, Division of Air Quality (DAQ) and are incorporated as part of this permit.

RESUMES/QLA

APPENDIX C

RESUMES AND QUALIFICATIONS

JEFFREY L. GERLOCK, P.G.

PROFESSIONAL REGISTRATIONS

Registered/Licensed Geologist in Georgia, North Carolina, South Carolina, Tennessee, and Virginia; Registered Site Manager (RSM) and Registered Environmental Consultant (REC) with North Carolina DENR Inactive Hazardous Sites Branch; NC Certified Well Contractor #3392; NC Licensed Asbestos Inspector #12406

PROFESSIONAL EXPERIENCE

Over 20 years experience working for several environmental companies in Colorado, North Carolina, Tennessee, and Texas performing and/or supervising various geological and environmental projects for commercial, industrial, and institutional clients, including the following services:

- **Air** – indoor air quality surveys and sampling, mold, and mercury vapor testing
- **Asbestos and lead paint** – surveys, sampling, abatement monitoring, operation and maintenance plans
- **Field Services** – drilling, sampling, well abandonment, excavations, pond/lagoon closure, French drain installations
- **Geological and hydrogeological studies, testing and evaluations:** soil and groundwater sampling, aquifer testing, slug testing, air sparging and soil vapor extraction pilot testing
- **Permitting** - air, soil landfarming, septic system evaluation, stormwater, wastewater
- **Phase I environmental site assessments**, transaction screens, and regulatory compliance audits
- **Phase II soil and groundwater assessments** – work plans, drilling, sampling, field testing
- **Remediation** – corrective / remedial action plans, soil removal, landfarming, pilot testing, vapor extraction, aggressive free-phase vapor recovery (AFVR), mobile multi-phase extraction (MMPE), air sparging, pump and treat
- **Spill Prevention Control and Countermeasure (SPCC) Plans and Stormwater Pollution Prevention Plans (SWPPP)** – site visits, plan preparation, plan revisions, sampling, training
- **Underground Storage Tank (UST) issues** - permitting and compliance issues, tightness testing, cathodic protection surveys, UST removals/abandonment in place, soil sampling and assessments, reporting, trust fund applications and submittals, deed restrictions
- **Wetlands** – determinations, delineations, map research

EDUCATION

- M.S., Geology, Memphis State University, 1985
Thesis: Sedimentology and Petrology of the Mesaverde Formation, Bighorn Mountains, Wyoming
- B.S., Geology, University of Alabama, 1982; Minor – Mineral Engineering
- Cohn High School, Nashville, Tennessee, 1978

PROFESSIONAL COURSES

Regularly attend professional courses such as Asbestos Inspector Course and Annual Refresher, Asbestos Supervisor and Management Planner Courses, 40 hr HAZWOPER (29 CFR 1910.120) and 8 hr annual refresher, Land Application of Residual Biosolids, Brownfields Symposium, Registered Environmental Consultant Workshop, DNAPL, Well Drilling / Contractor Courses, Fractured Rock Hydrogeology, Annual Geology and Groundwater Symposiums in NC and SC, Leadership Training

PROFESSIONAL MEMBERSHIPS & ASSOCIATIONS

Archdale and High Point Chamber of Commerce, American Bar Association – Environmental Law Section, Carolina Geological Society, Groundwater Professionals of North Carolina

COMPANIES

Blue Ridge Geological Services, Archdale, NC – 2001 to Present

Environmental Management Solutions, Greensboro, NC – 1999 to 2001

Law Engineering and Environmental Services, Charlotte and Greensboro, NC – 1990 to 1999

Steffen Robertson and Kirsten, Denver, CO – 1989 to 1990

Aguirre Engineers, Denver, CO – 1987 to 1989

Micro-Strat, Denver, CO – 1986 to 1987

Cities Service Oil and Gas (Citgo), Houston, TX – 1982 to 1983

Memphis State University, Memphis, TN – 1983 to 1985

University of Alabama, Tuscaloosa, AL – 1978 to 1982

Geologic Associates, Franklin, TN – Summers 1978, 1979



Pace Analytical Services, Inc. Company Profile

Pace Analytical Services, Inc. is a privately-held, full service environmental testing laboratory established in 1995. Pace Analytical Services, Inc. is strategically located offering convenient, local services to our clients with the capacity to handle all facets of your projects analytical requirements. Pace Analytical Services, Inc. specializes in water, soil and air analyses for environmental monitoring. We have an extensive Quality Control Department with laboratory oversight and timely auditing to provide our customers with legally defensible, technically sound laboratory results. All data reports are standard with Level 2 data reporting packages. Pace does have the capabilities to provide Level 3 and Level 4 packages.

Pace Analytical Services, Inc. has three (3) locations in North Carolina. Our main laboratories are located in Huntersville, NC (Charlotte region) and Asheville. We have one (1) service center in Eden, NC (Greensboro region). We provide courier services statewide to our customers on a daily basis. Pace Analytical Services, Inc. adheres to the guidelines set forth by NC DENR and EPA methodology. We are NC certified and NELAC certified. Our laboratories are audited on a routine basis by the states in which we hold certifications and through the National Environmental Laboratory Accreditation Program. Laboratory certification #12 and #40.

Lab #12

Pace Analytical Services, Inc.
9800 Kincey Ave., Suite 100
Huntersville, NC 28078

704.875.9092

Lab #40

Pace Analytical Services, Inc.
2225 Riverside Drive
Asheville, NC 28804

828.254.7176

www.pacelabs.com